

NOVEMBER 2000

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Alice Hamilton, MD



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WORLDWIDE TV-FM DX ASSOCIATION

Serving the VHF-UHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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FROM THE STAFF:

A SHOW OF HANDS, PLEASE: Our 2001 convention host Frank Aden is working on preliminary arrangements and needs to know how many are considering the trip to Boise this summer. We're just looking for a "ballpark figure", so if you're over 50% sure that you'll be joining us in Idaho, we need to hear from you. Please write to Convention coordinator Tom Bryant at 849 Todd Preis Dr.; Nashville, TN; 37221; or e-mail him at <tjbdx@home.com>. Let us know about companions too.

ARCHIVES: A lot of our members have, from time to time, written technical articles for the "VHF/UHF DIGEST" but unless you've saved back issues and have an indexing system to locate them, they're all but impossible to find. Pat Dyer, one of this club's more prolific writers, has made the task of finding his VUD contributions a lot easier by placing them on the web. If you're interested in browsing through some older, but excellent information, aim your browser at <<http://home.swbell.net/pjdyer/vudvhf/vudindex.htm>> for a look at his (1970-81) WTFDA VUD VHF Radio (Utility) DX columns; and a LOT more!

BACK ISSUES: We mention this once or twice a year because getting the word about WTFDA out to potential members is important. If you're planning on going to a hamfest, shortwave, or AM radio get-together, or any other sort of meeting where there's a possible interest in TV and FM DXing, please contact Dave Nieman for a supply of back issues of the VUD. He'll get them to you with the hope that you will in turn get them into the hands of hobbyists who might share our interests and join the club. Let Dave know how many you need by writing him at 12284 Nice Road; Akron, NY; 36981; or e-mail him at <nieman@localnet.com>.

TV STATION GUIDE: Our "TV STATION GUIDE" is still available, but quantities are limited. Doug Smith took the lead in assembling this excellent collection of station tech and operational data and maps. There are complete listings for the U.S. and Canada; and partial listings for Mexican transmitters...particularly those which are potential DX targets. The first printing was a sellout and what's left of the second printing is going fast. To order, contact Mike Bugaj at the club's mailing address.



WTFDA MAILBOX

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November 2000

Another month passes, and here we are again. November is mostly a "nothing" month. We're settling down into a winter weather pattern and noticing that Es and tropo are nowhere to be found, at least in the northern states. But winter Es returns in December, so start checking ch2 for signs of skip. And check your scanners for F2! Last year had F2 skip on Thanksgiving Day!

Let's Welcome these New WTFDAers!

Say hello to these four new faces. First we have John Ridge from Brooklyn, NY. Next we say hi to Bill Black in Washington, DC and Chris Carter from Brookhaven, MS, and lastly we welcome Cliff Rames, basking in the sun in Miami, FL. Just a reminder that all WTFDA members can join the WTFDA reflector at topica.com for DX alerts and good discussion. Just email me and tell me you want to subscribe, or just do it yourself by sending a blank email addressed to WTFDA-subscribe@topica.com. Glad to have you with us and remember, our mailbox is always open for comments and questions.

Renewals



Staying with us for another year are Karl Zuk (NY), Ron Wing (KS), Wolfgang Schneider (CA), Joe Fela (NJ), Robert Seaman (PA), Larry Weil (NH), Bob Smolarek (NJ), Luke Steele (OK), Bill Smith (MA), Jeff Schultz (IL), Steve Branch (IL), Kurt Nelson (PA), Jim Renfrew (NY), Keith Short (OH) and George Hamer (NY). Karl, Joe, Bob and George make up part of our NYC Metro division while Wolfgang makes sure that Los Angeles is represented. Thank you all for staying for another year!

What A Website!

It pays to have a great website, and we sure do! John Ridge wrote "I got your current address from your excellent internet site. I was a member

a few years back". John, I'm glad you found us on the internet, and it's nice to have you home again. Bill Black, our new member in D.C., sent a page from our website that had our membership dues and our mailing address. Also, speaking of the internet, Chris Carter found the WTFDA Forum on Delphi.com and has been a regular on our chat sessions for weeks now. Chris is college age, and discovered TV DXing not too long ago.

Elving for School Board?



First it was FM DXing. Then it was publishing the FM ATLAS and modifying radios for SCA. Then it was his own website. Now our very own Dr. Bruce Elving has thrown his hat into the political ring by seeking a two year term on the Esko, MN school board. Bruce and his wife Carol have lived in Esko for 15 years.

Good luck Bruce, and watch out Jesse Ventura!

Illinois Weatheradio

This from Ken Onyschuk... "I really like the weather radio channels on the Ccrane radio. I wish I had this years ago. Got fresh information today. Was listening in to both KWO-39 Chicago and WKX-24 Odell, IL Tuesday night. KWO-39 Chicago 162.55 is now being simulcast on KXI-41 Crystal Lake, IL 162.50, 48 miles NW of downtown Chicago as of 9/20. And WKX-24 is now being simulcast on KXI-58 Plano, IL 162.40. Plano is about 45 miles north of Odell and is local to me. This Plano station now blocks WXJ South Bend IN which usually would skip in".

Greetings from Jamaica!

Bruce Elving may be a celebrity in Esko, but WTFDA member Winston Smith is one in Jamaica. Winston is not only a DXer, but he is also the head of the Jamaican Red Cross and a contributor to many organizations in the country. Thanks to Luch Naccarato for the info!

WTFDA Chat is now on Delphi.com Tue & Fri at 10pmET... <http://www.delphi.com/wtfda/chat>



Who Makes the APS-13?

The answer may surprise you. From Ed Hanlon: "Why have Antennacraft build my FM antenna when I think they build such junk for Radio Shack? Several reasons:

1.) Since this is an FM antenna, NOT A TV ANTENNA, Antennacraft's standard elements are MORE THAN AMPLE for the job, because the elements are so much shorter. The longest element tip-to-tip length on an APS-13 is 67", versus 110" on a TV antenna. I had the option of using TDP element stock, but it was totally unnecessary. No needless added expenses for my DX buddies.

2.) Antennacraft was willing to custom cut elements for me. Other antennas on the market use mono-spaced, mono length director schemes, which guarantees inferior performance compared to a properly designed modern antenna like an APS-13. This was a huge problem, and threw Winegard right out of the picture.

3.) Unlike Channel Master, Antennacraft was eager to build for me! They checked in just this week to see if I needed anything. Antennacraft is a terrific company to work with.

If I were to have my own line of TV antennas, I would have Antennacraft build them, using the TDP element stock. They've already said they'd be willing to do so.

The design of my antennas is mine and mine alone. As a matter of fact, Antennacraft is under orders NOT to assist in the design of custom antennas.

I trust that answers your questions, and makes clear that my criticisms of Radio Shack's TV antennas are in no way in conflict with my business practices. Antennacraft can't help it if Tandy Corp. tells them to build this antenna, using these parts, at a price they cannot exceed. That's what happens when large corporations' bean counters have control, and the end result is: a Radio Shack TV antenna.

How I Started Dxing

Once again in this irregular feature in the Mailbox, we humiliate another WTFDA member by telling the story of how he began in the hobby of Dxing. Little Lenny Goldberg tells us his story:

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"My parents used to put me to sleep by having the radio on in my room. It was tuned to "Gaslight Previews" on WPAT, Patterson. But when I was about 6 (1954) I switched the dial to Alan Freed on WINS 1010. Once when "You Made Me Love You" by Screamin' Jay Hawkins was playing, my dad stormed into the room and turned it off. Thus began my life of rebellion. Then I visited some relatives in Levittown, PA, and I thought I'd see what was on the radio there. I was amazed to hear the NY stations. Big deal, right? When I got home I immediately requisitioned my parents' big Norelco radio with the green tuning eye. That radio pulled in a lot during the day, Cleveland, Wheeling, etc., but at night as you'd imagine, it was great. I started buying all the out-of-town newspapers I could find to try and assemble station lists. Eventually I found the Vane A. Jones list in a Pop Electronics mag. I called my new hobby, which I imagined that I had invented, "scanning". After I busted the antenna off the radio from turning it too far, I acquired that Fuji Denki transistor radio that you already know fell in the bathtub. I was surprised and crushed when I found out that dXing already existed as a hobby, and Al Gore, not I, invented it. I also have exciting TV and FM stories, but, dear reader, it's YOUR turn now".

Notes from Garo O.

A few words from one of WTFDA's founders, Gary Olson: "Read your mailbox page this month in VUD. I have kept my membership in the club through all these years even though I don't DX anymore. A few years ago I sold my tower, UHF dish and my other DXing stuff (much of it to Dave Janowiak) in anticipation of my move to Florida. I still have a definite interest but just don't have the time or inclination to really get involved even though Sarasota would be a very fine TV DX location with few locals and semi locals. I have lost track of Morrie Goldman, Don Ruland who with myself and several others devoted a great deal of time to bringing WTFDA into being in the late 60s. As some will remember, it was with great pains we converted from mimeograph printing (ugh - what an inky mess) to offset. I am grateful that so many others have volunteered over the years to give of themselves to keep the organization thriving.

Last but Not...

The WTFDA has gone through many changes over the years, i.e. from mimeograph to offset printing. Now as 2001 approaches, what changes might be lurking over the horizon? You never know. Anyway, thank you all for contributing and don't forget to write! See you next month! -Mike

T.E.P.

TRANS-EQUATORIAL PROPAGATION

This is T.E.P. This is one of the most exotic forms of long-distance TV and FM reception known today. TEP is known in many parts of the world today. But if you live in the United States, you will probably never hear it.

This propagation is believed to occur in the F layer of the ionosphere. (the same layer responsible for long-distance shortwave signals) It is said to peak around the spring and fall equinoxes, between 5-10pm, and especially near sunspot peaks. Paths involved are those perpendicular to, and roughly equidistant from, the magnetic equator. (southern Brazil to the eastern Caribbean qualifies). In South Africa, TEP peaks shortly after local sunset and lasts up to about 2 hours (around 20-21.00 local time). The first period is characterized by steady signals, the second phase is accompanied by a fast "flutter-fade" which also carries the highest frequencies, but copy is difficult due to the fast fading. The north-south path is 100% favored, with a maximum slant of about 15-20 degrees from this direct line. Best results occur if both stations are approximately equidistant from the equator, and when the sun is at equinox in September and March (over the equator). The mode is totally dependant of solar activity, and the ionized layers appear to condense into reflecting layers as the atmosphere cools at local sunset. In South Africa, the whole path is over land, except between Japan and Australia, where it is over the sea; due to the low angles of reflection, the sea acts as a mirror at VHF frequencies.

Radio amateurs discovered this propagation mode on 145MHz when an Argentine ham heard the satellite signals of a Venezuelan ham -- on the "uplink"-- in the mid-1970s. Signals have been reported as high as 432MHz, which suggests UHF TV could be propagated! There have been reliable reports of FM broadcast signals being propagated this way before, over the same Venezuela-Argentina path over which the mode was first discovered.

Signal levels can be very high, consistent with reception on a whip antenna at FM broadcast frequencies. If one is located an optimum distance north or south of the TEP "pipe" less than 20 deg N or S, but not so close to the equator that the mode does not work, the mechanism is more pronounced, with higher signal levels. So far this cycle, the African TEP southern-most line is at around Johannesburg (26 deg S), with just about nothing getting further south due to the near total lack of sporadic E in South Africa, but links up to Finland and Norway in recent months by TEP have been observed combining with sporadic E in Europe. Typically amateur signals are heard with signal reports of 5/5 to 5/9 in far northern Europe under these conditions, while signal levels on the South African end usually 5/1.

The mechanism is terrible for TV video signals. They are seldom recognizable, even in the best conditions; best ID method on TV is audio recognition of the content of the sound carrier, (if the MUF goes that high), or precise measurement of the vision carrier frequency.

Unfortunately for us in North America, the geomagnetic equator dips south of the geographic equator in the Americas; TEP has been reported in extreme south Florida but is unlikely anywhere else in the mainland USA.

Daily reception of FM Stations 4,000 miles away? Yes, it happens!

In November of 1999, WTFDA club member Jorge Aloy along with 3 members of the Argentinian DX Club "Grupo Radioescucha Platense" took an 800km journey from the Buenos Aires area to Cerro Chato, a town in the center of Uruguay, on a Dxpediton to hear TEP FM reception. The receiver was a Harmon Kardon FM tuner with modified Ifs, a 5 element yagi (half wave) on a mast 2 meters over the roof of a hotel. Here are the results:

Distances are measured with Microsoft Map Encarta soft 1998.

FREQ	UTC	DATE	STATION	DETAILS	DISTANCE(KM)
87.7	2358	21/11	UNID	audio TV, Puerto Rico/	5800
88.1	0000	21/11	WCRP R.	Liberación, Guayama, PR/px rlg, ID	5800
88.9	0020	20/11	R. Melodia FM,	Caracas, Venez ID(listened on the car, driving at 100 Km/h with a Sony ICF7600G + external 1/4 vertical made on car base. This was 1.5 Hours long!!)	5000

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FREQ	UTC	DATE	STATION DETAILS	DISTANCE (KM)
88.9	0300	22/11	WCPM Ponce, PR /px mxl, ID 'WCPM Radio, la señal de R.Rico	5800
91.3	0002	22/11	WIPR San Juan, Puerto Rico/mx clásica	5850
92.5	0045	22/11	WORO R. Oro, Corozal, PR/px mxl, 'Esta es WORO FM, Corozal'	5840
92.9	0003	22/11	WTFM Aguadilla, PR/religiosa	5850
93.7	0057	21/11	WZNT Salsa 93, San Juan, PR/mx salsa, ID 'Salsa 93, primer lugar en sintonia	5850
93.9	0053	21/11	La Romántica 93.9 FM, Barcelona ?, Venez/mx, advs, 'La Romántica 93.9 directo a tus sentidos'	4920
95.1	0004	22/11	UNID Venezuela/mx salsa, advs	4900
95.1	0010	22/11	WCTA Zeta 95, San Germán, PR/»Grandes Maestros de la Salsa», mx salsa, 5840	
97.7	0850	21/11	Querência FM, São Gabriel, Brasil/mx sertaneja, advs, nxs (Red Gaucha Sat) 326	
97.9	0130	21/11	WGOO Charlotte Amalie, VI, USA/px rlg por pastor evangélico.5820	
98.1	0145	22/11	Super Stereo 98.1, Porlamar, Venezuela/px mxl, advs, ID '98.1 rumbo al 2000'	4990
98.5	0155	22/11	WPRM Salsoul, San Juan, PR/mx salsa, ID y sl 'Inolvidable, Cadena Salsoul'	5850
100.9	0027	22/11	R. Planeta, ?, Caribe/»retromix la mejor mx de los 70' ----	
101.1	0020	21/11	WRIO, Salsa Dorada, Ponce, PR /ID: 'Desde Puerto Rico para el mundo entero, Salsa Dorada'	5800
101.3	0110	22/11	X 102, ???, Rep. Dominicana/rtxn de una FM canadiense (!!), luego ID	6000
101.9	0025	21/11	WZAR Ponce, PR/mx pop, ID	5800
102.5	0250	21/11	WJAC Sistema 102, San Juan, PR /px mxl, IDs, saludos a oyentes en Miraflores y Ponce	5850
103.9	0245	21/11	NO ID, Rep. Dominicana/px mxl e ID: 'La 103.9, la Super Regional»	6000
104.1	0230	21/11	WERR R. Redentor, Utuado, PR/ID, px «Panorama Musical Evangélico», mx cristiana	5820
104.1	0035	21/11	Xintonia FM, Puerto Cabello, Venez/mx pop e ID 'la nueva X, tu radio planeta'	5040
104.7	0110	21/11	WKAQ KA-Q 105, San Juan, PR/mx latina, cxs sobre Ricky Martin, advs, IDs	5850
105.1	0040	21/11	WIOC Cadena Estereotempo, Ponce, PR/ID y ann. de la «Sociedad Puertorriqueña»	5800
105.7	0225	21/11	WCAD San Juan, PR/px mx pop intl, ID y slogan 'Energy 105'	5850
107.5	0215	21/11	R. Orbita 107.5 FM, Puerto La Cruz, Venez/mx marcha, ID y sl: 'La Primera'	5020

Jorge's comments on this Dxpedition:

We listened to many more weak stations (in fact all of the band was full with classic "shaky" TEP sounding signals), but it was not possible to ID them for many reasons (bad audio, short catch, etc., no help lists).

Cerro Chato is a little town (around 2000 inhabitants), and Uruguay is a good place to DX FM because they have a logical number of FM stations to 3.000.000 of inhabitants in the country. Not like Argentina, where you have around 5000 stations to 36.000.000 inhabitants.

This is a very rural zone, only little towns on hills and scarce stations 200 Km around. The VERY important thing to us was to be far from the crazy mess of 600 FM stations in the area of Greater Buenos Aires (350 Km far -straight line- from Cerro Chato, and at side of Yagi, because when we travel to the south of Buenos Aires 200 Km and we set the antenna, when it points north -all stations are to our north!- receiver also is full of main stations from that place, around La Plata/Buenos Aires. The landscape is completely flat, so semi-local signals travel free.

TEP is very regular and predictable. Normally it comes around 2345 UTC (local 2045, some time after sunset) and works until 0200 or 0300 UTC. This happens from October to March. I can't say what is best month, because we only DX in long and expensive DXpeditions, so the opportunities are not great.

This article was compiled from posts by Doug Smith and Jorge Aloy on the WTFDA List, and from a post by Ian Roberts, Johannesburg, S. Africa on the FM DX Weblist.



Hunting for TEP

TV News

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
W9WI@bellsouth.net

November 2000

<http://personal.bellsouth.net/~w9wi>

Applications for new stations

St	Ch	ERP	Call/HAAT	City/applicant	Latitude	Longitude
WI	44^	122	506	Fond du Lac; WMMF [68]	43-21-44	88-53-45

Construction permits granted for new stations

St	Ch	ERP	Call/HAAT	City/applicant	Latitude	Longitude
ID	24^	51.8	859	Nampa; KIVI [6]	43-45-21	116-05-54
IN	52^	59.4	165	Vincennes; WVUT [22]	38-39-06	87-28-37
ME	45^	125	595	Biddeford; WMEA [12]	43-50-45	70-45-43
MN	11z	316	137	Intl. Falls; Ch. 11 Lic.	48-24-09	93-28-52
MN	21^	1000	466	Minneapolis; WFTC [29]	45-03-30	93-07-27
NS	15, 23, 25	0.02		Kennetcook	45-12-16	63-44-35
NS	26, 40, 46, 51, 53	0.02		Wallace	45-47-06	63-25-19
VA	43^	90	190	Manassas; WPXW [66]	38-47-16	77-19-47
WV	12^	30	288	Martinsburg; WWPX [60]	39-27-27	78-03-52

The Kennetcook, NS system is to carry CMT, A&E, and WUHF [31] respectively; the Wallace system is to carry CMT, CNN, History Channel, A&E, and WUHF. Both systems will be scrambled.

New-station applications dismissed/denied:

CA Lompoc 67(LPTV); 1 app MN Intl. Falls 11; 1 app

LPTV Displacement Applications

AZ	Bullhead City	K65FI	65=>45+	MN	Grand Marais	W61AF	61=>48z
	Phoenix	K31DI	31=>43z	MS	Meridian	W52CS	52=>23
CA	Oceanside	K33FZ	33=>41	NJ	Cranford	WLBX-LP	22=>46z
CO	Bayfield	K61BO	61=>44+				
	Pagosa Sprs	K62AP	62=>31z	NM	Dora	K67CS	67=>48n
	Sunetha	K68BI	68=>48-		Nolan	K58AZ	58=>20z
ID	Boise	K68EJ	68=>30		Red River	K03CZ	3=>15z
	Juliaetta	K13FA	13=>48	NV	Dayton	K13PD	13=>45
		K36CI	36=>41	OK	Lawton	K15DJ	15=>38z
	Lewiston	K68BC	68=>53n	SC	Spartanburg	WSQY-LP	66=>51
ID	Preston	K22DV	22=>17	SD	Brookings	K54FU	54=>40+
IL	Quincy	W34CD	34=>48	TX	Corpus Christi	KXPX-LP	66=>14-
MI	Petoskey	W16BN	16=>34	UT	Provo	K60GA	60=>44+
		W14CG	14=>41		Spanish Fork	K52GC	52=>49+
	Republic	W09AJ	9=>43n				
MN	Brainerd	K57BJ	57=>30+				

LPTV Displacements Granted

AR	Fayetteville	K47GT	62=>47+	CA	Calexico	K36FO	22=>36+
AZ	Chloride	K30GG	54=>30		Indio	K25GW	53=>25
	Peach Springs	K26GF	54=>26		Sacramento	K41GJ	47=>41z

CO	Pleasant Vly.	K14KL	49=>14	NV	Winnemucca	K23FR	57=>23
		K16ET	51=>16	NY	New York	WNXY-LP	27=>26-
		K20GK	53=>20	OH	Columbus	W23BZ	58=>23
GA	Dalton	WDGA-LP	47=>49+			WCPX-LP	62=>48
GA	Valdosta	WBVJ-LP	53=>35+	OK	Lawton	K38GL	15=>38z
MN	Redwood Falls	K52GU	25=>52+	OR	Newberg	K51GD	66=>51
NM	Alamogordo	K42EY	67=>42		Rockaway	K41GG	77=>41-
	Albuquerque	KYNM-LP	61=>39	PA	Kittanning	W44BX	25=>44+
	Capulin	K33GC	54=>33		Scranton	W26CD	67=>26-
	Grants	K33GA	67=>33z	SC	Columbia	W21CA	43=>21-
NV	Golconda	K26GG	67=>26			W39CL	51=>39+
		K33GB	64=>33	TX	Fort Worth	KUVN-LP	31=>47
		K35GD	61=>35		Giddings	KHPG-LP	21=>31
	Imlay	K41GI	66=>41		Rio Grande C	KRGT-LP	6=>49+
	Quinn River	K40FV	69=>40	UT	Ogden	KSVN-LP	21=>49-
	Valmy	K27GG	69=>27	VA	Chesapeake	W05CH	40=>5
		K29EV	65=>29		Richmond	W59DQ	42=>59-
		K34FP	63=>34	WV	Huntington	W36CR	19=>36
	Winnemucca	K19EU	53=>19n				
		K21FO	55=>21n				

87 displacements have been granted in various Utah communities.

LPTV Displacements Dismissed/Denied/etc.

CA	Sacramento	K61DW	61=>38-	NM	Crownpoint	K65FJ	65=>30-
FL	Orlando	W22CE	22=>46	NY	Bronx	W38CL	38=>46
		W29CL	29=>50	TN	Lawrenceburg	W10BV	10=>13
GA	Columbus	WDTA-LP	53=>22-	UT	Provo	K60GA	60=>44+
NM	Albuquerque	K17DD	17=>39				

LPTV Displacements On The Air

AL	Montgomery	W61DH	14=>61+	MN	Willmar	K39FE	38=>39z
AZ	Phoenix	KDRX-LP	64=>48+			K52GK	66=>52-
CA	Anderson	K38FQ	20=>38+			K54GG	40=>54+
	Oceanside	K33FZ	60=>33+	MO	Warrensburg	K32FH	69=>32n
	Santa Rosa	KDTV-LP	25=>28z	ND	Grand Forks	K49FF	22=>49z
FL	Daytona Beach	W57CV	42=>57+	NM	Ruidoso	K49EW	61=>49n
	Sarasota	W48CN	24=>48-	NV	Schurz	K36FF	64=>36n
	Stuart	WTCN-LP	16=>15+	OR	Rockaway	K53BV	70=>53z
IA	Cedar Rapids	K17ET	61=>17z			K57DK	36=>57n
	Davenport	K61HD	58=>61-	TN	Nashville	WGAP-LP	68=>26-
IL	Champaign	W58DA	34=>58-	TX	Austin	KGBS-LP	65=>32+
IN	Evansville	WEOA-LP	67=>50-		Lubbock	KGLR-LP	40=>30-
KY	Louisville	W50CI	49=>50+		McAllen	KSTI-LP	69=>25-
LA	Crowley	KAGN-LP	65=>31-	UT	Manti	K33FT	34=>33n
MI	Jackson	W59CA	59=>27z	WI	Green Bay	W49CB	68=>49-
MN	Willmar	K17FA	34=>17-		Milwaukee	WMKE-LP	8=>7+
		K20GD	50=>20-		Sheboygan	W16BS	20=>16+
		K30FZ	14=>30z	WV	Wheeling	W56DX	62=>56z
		K36FL	62=>36-				

Applications to change existing stations:

St	Ch	Call	City	ERP	HAAT	Latitude	Longitude
FL	66z	WXPX	Bradenton	2500	464	27-50-50	82-15-51
FL	9-	WBSP-LP	Naples	0.57		26-25-22	81-37-49
KS	33z	KWCV	Wichita	2300	328	37-48-01	97-31-29
MT	12z	KTVH	Helena	217	711	46-49-35	111-42-33
NE	17z	KTVG	Grand Island		590	40-56-54	98-48-42

WBSP-LP also requests a change from zero offset to minus.

Applications to change construction permits:

St	Ch	Call	City	ERP	HAAT	Latitude	Longitude
TX	30z	KPKX	Odessa	316	213	32-05-11	102-17-10

Changes granted to construction permits:

St	Ch	Call	City	ERP	HAAT	Latitude	Longitude
CO	33+	KBEI	Durango	5000	123	37-15-44	107-53-58

Changes granted to existing stations:

St	Ch	Call	City	ERP	HAAT	Latitude	Longitude
AK	5z	KYES	Anchorage		277	61-20-09	149-30-56
AZ	61	K61HA	Bullhead City			35-15-08	114-45-04
CA	47z	KGPE	Fresno	5010			
CA	10z	KXTV	Sacramento	314	612		
CA	54z	KTEH	San Jose		662		
CO	8z	KTSC	Pueblo	234	727	38-44-44	104-51-39
DC	50z	WBDC-TV	Washington	2360	262	38-57-00	77-04-49
FL	45+	WHFT-TV	Miami	2570			
FL	40z	WWSB	Sarasota			27-33-21	82-21-49
GA	57+	WATC	Atlanta	3160			
MS	12-	WMAE-TV	Booneville		226		
MS	29+	WMPN-TV	Jackson	1020	475	32-11-29	90-24-22
NE	13z	KHGI-TV	Kearney		592	40-56-54	98-48-42
OH	17z	WDEM-LP	Columbus	7.23		40-01-02	83-01-11
OK	54+	KXOC-LP	Oklahoma City	19		35-35-52	97-29-23
TX	52z	KFWD	Fort Worth		545	32-35-19	96-58-05
TX	49z	KSTR-TV	Irving		519	32-32-35	96-57-32
VA	38-	WPXR	Roanoke			37-11-37	80-09-25
WI	25z	WLAX	La Crosse	2000	299	43-48-16	91-22-18

KFWD [52] also moves from minus offset. And, KZND-LP [6] Anchorage has been granted permission to move from plus offset to minus. (that brings it closer to 87.7mHz, the frequency they promote themselves as a FM radio station)

WXYM-LP [35] Tomah, WI has dropped its request to increase power to 150kw.

I'm pretty sure the WWSB [40] changes in Florida are only a correction of coordinates.

Applications for Class A status

GA	Vidalia	W46CA	46	UT	Ogden	KSVN-LP	49
NC	Charlotte	WGTB-LP	28				

Technical changes on the air

St	Ch	Call	City	What happened
IL	44z	WSNS-TV	Chicago	increase power 4270=>5000kw, tower height 433=>472m, move 2.5km southwest
MD	16+	WBOC-TV	Salisbury	decrease power 4070=>3550kw and increase tower height 299=>302m; correct coordinates to 38-30-17N/75-38-37W.

NE	4-	KSNB-TV	Superior	increase tower height 344=>609m.
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New stations on the air or requesting operating license

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
AR	34+	454	210	KWBS-TV	Eureka Springs	36-26-30	93-58-25
AR	45n	12.6		KWBK-LP	Pine Bluff	34-13-15	91-58-20
AZ	20z	49.4		K20FD	Sierra Vista	31-29-08	109-57-21
KY	29^	227	290	WXIX-DT	Newport	39-07-19	84-32-52
LA	25^	10.8	295	WLPB-DT	Baton Rouge	30-22-22	91-12-16
MO	32n	141		K32FH	Warrensburg	38-55-54	93-49-07
NM	6z	1.7	477	KOBG-TV	Silver City	32-51-49	108-14-27
MT	10+	219	711	KMTF	Helena	46-49-35	111-42-33
TX	69-	0.10		KSTI-LP	McAllen	26-15-23	98-13-49
WA	45+	2000	696	KHCV	Seattle	47-30-17	121-58-06

KWBK-LP is listed in the database as channel 36 with a modification to 45, but the FCC Public Notice says channel 34. I think that's a typo. (confused with KWBS)

Call changes

St	City	Channel	Old call	New call
CA	Fresno	47	KJEO	KGPE
CA	Fresno	32	KMCF-LP	KJEO-LP
CA	Maricopa	57	K57HZ	KNXT-LP
CA	Visalia	35	K35??	KMCF-LP
FL	Miami	41	WJAN-LP	WJAN-CA
FL	Sebring	5	WOCX-LP	WOCX-CA
ID	Boise	33	K33DT	KBSE-LP
KY	Campbellsville	34	WWWB	WBKI-TV
KY	East Bernstadt	9	W09BZ	WOBZ-LP
MI	Grand Rapids	15	WOWD-LP	WXSP-LP
MN	Duluth	56	K56FH	KWMN-LP
NJ	Atlantic City	62	WPHA	WWSI
TX	Lubbock	34	KJTV	KJTV-TV
VA	Harrisonburg	24	W24AZ	WWAZ-CA
VA	Virginia Beach	35	W35??	WCTX-LP

LPTV stations receiving "Class A" status are having the -LP on their callsigns changed to -CA. No technical changes are involved.



(How about a logo for a call that no longer exists? WGNX is now WGCL...)



Programming changes

Call	Location	Programming
KTVP-LP [56]	Phoenix, AZ	sold to HTVN
K24DK; K43CO; K30DT; K55GG; K17DA; K57HX; K49DF; K55EH, & KHSK-LP [27]; KUSK [7]; K23BY; K29DK; K19CX	Bullhead City; Casa Grande; Flagstaff; Kingman; Lake Havasu City; Mesa; Phoenix; Prescott; Scottsdale; Williams; Yuma, AZ	sold to TV Azteca.
WNTD [26]	Daytona Beach, FL	sold to Entravision; to be Univision?
WBSG [21]	Brunswick, GA	sold to Pax.
KTOU-LP [22]	Okla. City, OK	sold to HTVN
K09VO	Beaumont, TX	sold to HTVN
KSAA-LP [19]	San Antonio, TX	sold to HTVN
KSVN-LP [49]	Ogden, UT	TV Azteca

Forum & Other Stuff

It's been a slow month. I'm gradually adapting from my old dBase III+ database to a new version using MySQL - there are a few glitches left to be worked out.

Note the new full-license (though relatively low power) channel 6 in New Mexico. At only 1.7kw (with an application for 6kw) it will be a tough catch, but possible. KREZ [6] in nearby Durango has been logged several times on Es despite only 6.2kw of power. It should also be noted that KOBG's tower is significantly higher than KREZ's. Timothy Johnson reports that KOBG's calls have been added to the KOB [4] ID slide. (along with KOBK [10], KOBK [12], and numerous translators)

FCC Chair William Kennard has raised a bit of a ruckus in the industry. Frustrated with the slow roll-out of DTV, he's threatened to suggest the imposition of large and increasing spectrum fees on stations' analog spectrum. Stations' response is that the DTV implementation is on schedule, and the abandonment of analog spectrum cannot occur until cable systems agree to carry the DTV signals.

Rick Plummer in Iowa found a copy of KFXA [28]'s Equal Employment Opportunity report on their website. This report indicates that a meteorologist and a news reporter have been hired since August; presumably this station and its satellite KFXB [40] will begin local newscasts soon if they haven't already. One should expect this to happen at other Fox affiliates. Fox is strongly encouraging all their affiliates to begin local newscasts.

In another industry trend... Jeff Kitsko is seeing some interesting PSAs on WNPA [19] Pittsburgh. They have WPSG [57] (Philadelphia) IDs inserted. Jeff speculates the station is being run from Philadelphia, and he's probably right. One would hope they'd develop separate PSA inserts for the Pittsburgh station, but I suppose that's not top priority<grin>.

To answer Bill Eckburg's question about K68DK Overland Park, Kansas in his *Western TV* report of October.. This station is indeed a translator of channel 14 in Lawrence. The primary has since changed its official callsign from K14JY to KUJH-LP.

If you get this before the 7th, (and assuming you're in the U.S.) vote. It's your most effective action to present your positions on DTV and LPFM, not to mention all those other issues that have nothing to do with DX...

Jeff Kruszka, Editor
5024 S. Braxton Ave.
Baton Rouge, LA 70817
JTKruszka@worldnet.att.net

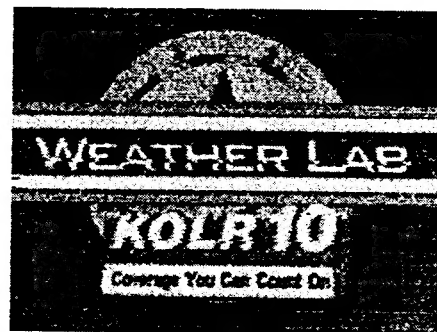
November 2000

Here's some photos from our reporter in the Midlands, Matt Sittel of Bellevue, NE:

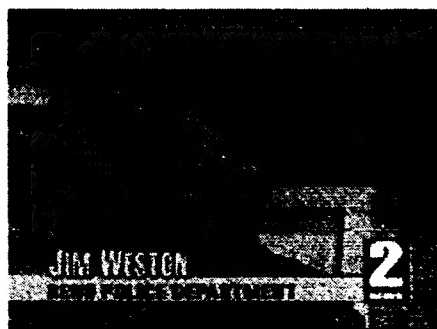
Equipment: Winegard PR-9032 UHF antenna @35', Winegard AP-4700 UHF preamp, Winegard PR-5030 VHF antenna @32', MFC traps for ch. 3, 6, 7, and 26.



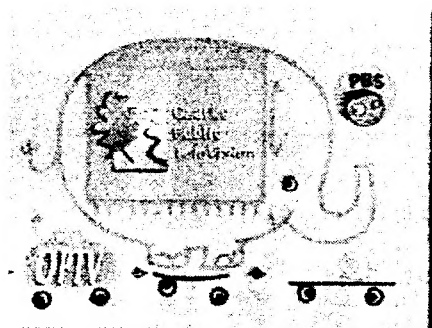
KCWE-29 Kansas City, MO
158 mi Tr seen 5/1/00
@2229 CDT



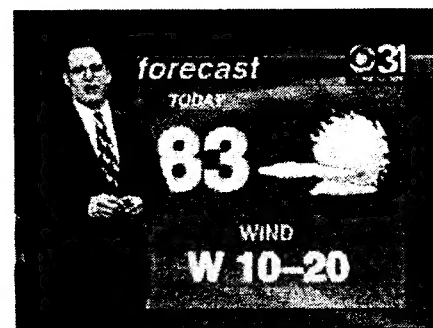
KOLR-10 Springfield, MO
312 mi Tr seen 6/3/00
@0357 CDT



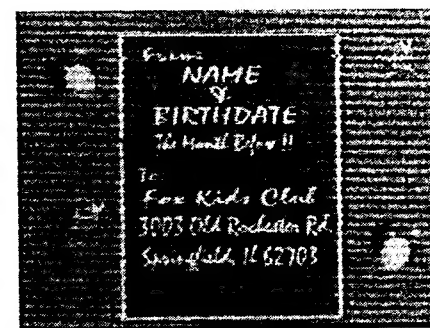
KTVN-2 Reno, NV
1260 mi Es seen 6/5/00
@2035 CDT



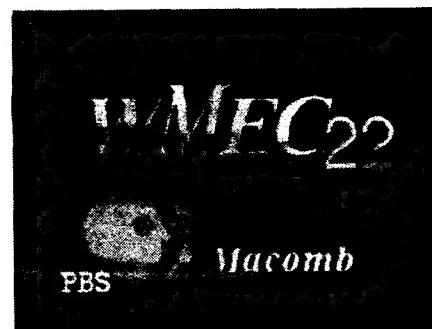
KOZK-21 Springfield, MO
312 mi Tr seen 6/7/00
@0729 CDT



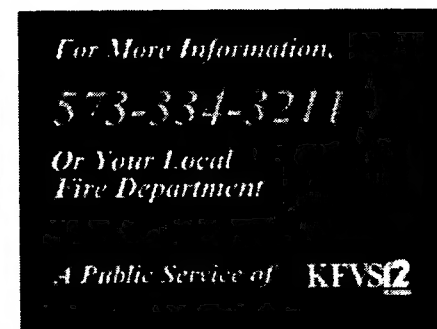
WMBD-31 Peoria, IL
335 mi Tr seen 6/22/00
@ 0806 CDT



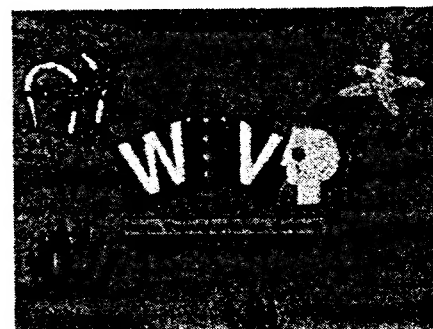
WRSP-55 Springfield, IL
352 mi Tr seen 6/22/00
@0853 CDT



WMEC-22 Macomb, IL
278 mi Tr seen 6/22/00
@0859 CDT

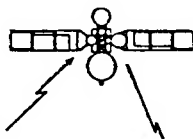


KFVS-12 Cape Girardeau, MO
427 mi Tr seen 6/23/00
@0151 CDT



WTVP-47 Peoria, IL
334 mi Tr seen 6/29/00
@0659 CDT

SATELLITE NEWS

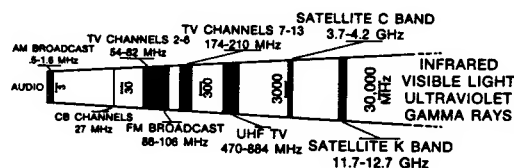


GEORGE W JENSEN
4604 ANNTANA AVE
BALTIMORE MD 21206-4220

Another list of changes and additions.

Satcom 4
XPDR 12 - change ZDTV to TechTV
Galaxy 1
XODR 6 - change the Nashville Network to The National Network
Satcom C3
MPEG on transponder 1 - delete Boyz and Girlz Chennals they have been replaced by feeds
4DYV XPDR 582 is color bars only - no longer Discovery
Eye On People
Telstar 7 -
Delete - XPDR 24 - XXXcite VC2
Galaxy 5 - XPDR 13 - returns to CNBC
18 - The Nashville Network - now the National Network
Satmex 5 -
811 - Canal Legislativo - delete
812 - Lavender Screen - has been a frozen face - now???
Solidaridad 1 Is Now OUT OF SERVICE
some of the services that were here have migrated to Telstar 7
MPEG 2
GE AMERICOM 1
XPDR 4 - is digital
18- is digital
400 - Fox Sports New York
401 - Fox Sports Bay Area
402 - Madison Square Garden
403 - Fox Sports Ohio
404 - Fox Sports Chicago
405 - Fox Sports New England (or North East)
406 - Fox Sports Florida
756 - feeds
GE Americom 4
add- XPDR 16 - digital
Telstar 6 -
6 - Watner Brothers Feeds
8 - delete Warner Brothers Feeds
Galaxy 11
800 instead of 801 - B E T Jazz Channel
801 instead of 802- B E T International
Telstar 402 -
3 - add EXXXcite VC2
6 - VTV4 - Hanoi, Vietnam here instead of MPEG Telstar 4'
That's all for this month - Hope to have a large listing of MPEG2 channels in a few months - or sooner
"73"s

10-14-00
George



NORTHERN FM DX

Keith McGinnis
383 Shirley St. #2 Winthrop MA 02152
longwave@bellatlantic.net
617-846-5760 deadline 5th of each month

Not too many people reporting this month (just myself and Saul).
Has it really been that quiet for everyone since last month?
Here's hoping next month's report is larger.

Saul Chernos, 57 Berkeley St. Toronto ON M5A 2W5 (416) 364-0725
(schernos@torfree.net)

underlined are new

Sept 14 Tropo (Toronto-Snowball)

0012	<u>WEGW</u>	107.5 Wheeling	WV "Eagle 107.5" rp
0026	<u>WSIP</u>	98.9 Paintsville	KY "New Country 98-9... WSIP" k
0030	<u>WPDG</u>	104.9 Clarksburg	WV "Classic Country Hits Radio 104.9"

Sept 18 Tropo (Toronto-Scarborough Bluffs)

1930	WEGW	107.5 Wheeling	WV
2014	WGSU	89.3 Genesee	NY p

October 3 Tropo (Toronto-Snowball)

0831	WQBX	104.9 Alma	MI rp "Q 105"
0844	WBCM	93.5 Boyne City	MI WTCM ID k
0847	WBCT	93.7 Grand Rapids	MI "B93" k
0848	WWDX	92.1 St John's	MI "Edge"
0855	WGDN	103.1 Gladwin	MI "103 Country" k
0901	WKLZ	98.9 Petoskey	MI
0903	WKJF	92.9 Cadillac	MI
0915	WKQZ	93.3 Midland	MI "KQZ"
0923	WYLZ	100.9 Pinconning	MI
0927	WXIK	94.1 Jackson	MI "Kicks 94.1" k w/CBL
0930	WMRI	106.9 Marion	IN r CNN Radio News
0950	WMRN	106.9 Marion	OH "Buckeye Country" k
1000	WBNI	89.1 Fort Wayne	IN NPR
1003	WPPD	105.7 Grand Rapids	MI "Easy 105.7 is WOOD. WOOD 105.7"
1006	WCEN	94.5 Mt. Pleasant	MI "The Moose" k
1007	CBON21	104.9 Gogama	ON FF Radio Canada
1011	WOWE	98.9 Vassar	MI
1012	WTGV	97.7 Sandusky	MI
1023	WJIM	97.5 Lansing	MI "Oldies 97.5"
1028	WMUS	106.9 Muskegon	MI "107-MUS" k
1043	WUPS	98.5 Houghton	MI "UPS"
1053	WBYS	98.9 Van Wert	OH "98-9 The Bear"
1059	CHYR	96.7 Leamington	ON k
1100	WGLE	90.7 Lima	OH

1103	CBEF1	103.1 Leamington	ON	CBC Radio Canada
1113	WKXA	100.5 Findlay	OH	r
1121	WBUK	107.5 Fort Shawnee	OH	

I decided to retract my tropo logging of KBRK 93.7 in Brookings SD which was reported in the September VUD. The slogan B-93 and the fm format were not enough, in my opinion, to constitute the logging - primarily because there may be a WI station which matches both those conditions. The above report represents some nice late summer and early fall tropo, which I hope will continue. I use a Toyota car radio and park in high spots. Snowball is located just NW of the city, and there are areas there facing all directions. The Scarborough Bluffs overlook Lake Ontario primarily facing south-east.

73s, Saul

Keith McGinnis, Witnthrop MA (except where noted)
Equipment-Modified Yamaha T-85 (thanks Bill Nollman), CM Stereo Probe 9

I have comments on most of the loggins below but they are lost in a mess of notes (along mountains of material from work). Future reports will be more detailed.

August 25 Es

18:25 KXLP	93.1 New Ulm/Mankato MN
18:28 KISD	98.7 Pipestone MN
18:35 WCCN	107.5 Neillsville WI
18:36 WIRX	107.1 St Joseph MO
18:38 WIXX	107.1 Green Bay WI
18:41 KWNG	105.9 Red Wing MN
18:43 WOGB	103.1 Kaukauna/Green Bay WI
18:44 WLTE	102.9 Minneapolis MN
18:46 KKCK	99.7 Marshall MN
19:02 KWOA	95.1 Worthington MN
19:07 KITN	93.5 Worthington MN
19:09 KDOM	94.3 Windom MN
22:35 WLJA	93.5 Eljay GA
22:38 WQZX	94.3 Greenville AL
22:44 WVOH	93.5 Hazelhurst GA

August 26 Es

10:22 KLOZ	92.7 Eldon MO
18:10 WBGF	93.5 Belle Glade FL
18:26 WDDV	92.1 Venice FL

August 29 Es

20:45 KOPN	89.5 Columbia MO
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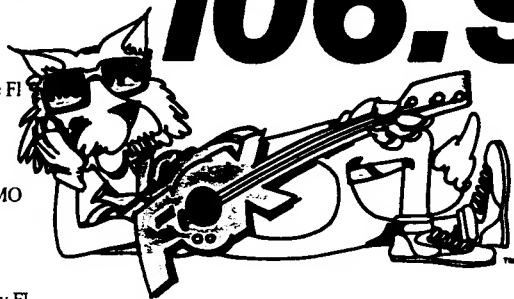
August 30 Es

16:48 WWST	93.1 Kams TN
16:57 WPAP	92.5 Panama City FL
17:13 WTBF	94.7 Brundidge AL
17:17 WDLT	98.3 Chickasaw AL

B.93

FM

106.9



17:22 WHLJ	97.5 Statenville GA
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August 4 Es

** KAUS	99.9 Austin MN
** KEEZ	99.1 Mankato MN
** KESD	88.3 Brookings SD
** KGGK	98.3 Wessington Spgs MN
** KKIN	94.3 Aitkin MN
** KKWS	105.9 Wadena MN
** KLKS	104.3 Breezy Pt MN
** KNSG	94.7 Springfield MN
** KRUE	92.1 Waseca MN
** KULW	92.7 Kindred ND
** KUOO	103.9 Spirit Lake IA
** KUSZ	107.7 Proctor MN
** KVGO	104.3 Spring Valley MN
** KYNU	98.3 Carrington ND
** KZIA	107.9 Cedar Rapids IA
** WSPT	97.9 Stevens Pt. WI

** logged in the early evening of 8/4

August 6 Tropo (from Bridgeton Maine)

8:46 CBSI	98.1 Sept Isles PQ
8:49 CHIK	98.9 Quebec City PQ
10:01 WBPW	96.9 Presque Isle Maine
10:08 WLKE	99.1 Bar Harbor ME
10:15 CJBR	89.5 River Du Loop PQ

August 7 Tropo (from Bridgeton Maine)

9:27 WAYD	105.5 Isleboro ME
9:42 WAKN	97.7 Winter Harbor ME
10:00 WWMJ	95.7 Ellsworth ME
22:44 WPNH	100.1 Plymouth NH
22:56 WMEM	106.1 Houlton ME

August 11 Tropo (from Bridgeton Maine)

9:45 CIFA	104.1 Yarmouth NS
21:23 CHSJ	94.1 St. John NB

August 13 Tropo

20:30 WQBK	103.9 Rensaleer NY
20:59 WRJT	103.1 Royalton VT
21:25 WOTX	102.3 Concord NH
22:35 WBTZ	99.9 Plattsburg NY

August 30 Tropo

21:53 WSKG	89.3 Binghamton NY
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September 7 Tropo

7:50 WSLC	94.9 Roanoke VA
21:35 WBRX	94.7 Patton PA

22:30 WGMS	103.5 Washington DC
22:45 WFRB	105.3 Frostburg MD
22:55 WWMD	104.7 Hagerstown MD
23:20 WJUX	99.7 Monticello NY
23:35 WPVQ	93.9 Turner Falls MA

September 8 Tropo

1:00 WMRA	90.7 Harrisonburg VA
1:03 WKXZ	93.5 Norwich NY

September 9 Tropo

8:50 WIQH	88.3 Concord MA
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September 11 Tropo

21:25 WKDN	106.9 Camden NJ
21:30 WEMG	104.9 Egg Harbor NJ
23:05 WWZK	98.7 Wildwood NJ

September 13 Tropo

21:20 WMAS	94.7 Springfield MA
23:20 WRTC	89.3 Hartford CT

September 15 Tropo

22:30 WNTQ	93.1 Syracuse NY
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September 17 Tropo

all a.m. Unid	relay of WHAZ AM 1330
11:30 WGLV	94.3 unknown
11:55 WEQX	104.3 Hartford VT
12:30 WBRS	102.7 Manchester VT
	100.1 Waltham MA

September 18 Tropo

0:02 CBMB	91.7 Sherbrooke PQ
20:40 CKQB (the	106.9 Ottawa Ont

September 19 Tropo

16:30 WJJR	98.1 Rutland VT
16:45 WCMK	91.7 Bolton VT

September 22 Tropo

20:30 WFRG	104.3 Utica NY
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October 2 Tropo

6:25 CFRQ	104.3 Halifax NS
6:45 CBD	91.3 St. John NB



John Zondlo
4009 Driftwood Circle
Yukon, OK 73099
Jpzondlo@aol.com
Deadline: 10th

For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, NC, NV, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico

November 2000

Pat Dyer - WA5IYX

5315 Silvertip Dr. - San Antonio, TX 78224-2744

pjdyer3@juno.com - pjdyer@swbell.net

<http://home.swbell.net/pjdyer/index.html>

<http://www.qsl.net/wa5iyx/index.html>

CST

1979 Realistic TM-1001 tuner (2 IF mod w/150 kHz filters) into Allied 426 (1972); 1999 Conrad RDS Manager; 52 ohm step-attenuator box used to reduce local intermod/overload when needed; 1977 six element Archer antenna at 20' w/rotor

10/14/99 Tr
1300 KBQP 95.7 TX Jourdan, "KBUC" testing 36
10/16/99 Es
1836 KWYK 94.9 NM Aztec, ID 747
1849 KCYQ 93.7 UT Richfield, "Q-93," k, ID 1000
1854 KBZN 97.9 UT Ogden, "The Breeze" 1133
11/9/99 Es
1135 WQSL 92.3 NC Jacksonville, "Q-92," local ad 1280

12/14/99 Ms
0856 KKLR 94.5 MO Poplar Bluff, "Clear 94," k, new mode 689

1/2 Tr
0022 WQCK 92.7 LA Clinton, area ad 457
0036 KQID 93.1 LA Alexandria, "Q-93" 409

1/2 Es
1238 KOMP 92.3 NV Las Vegas, ID, r 1079
1244 KQOL 93.1 NV Las Vegas, RDS 1079
1251 KHWY 98.9 CA Essex, ID 1031
1303 KNLB 91.1 AZ Lake Havasu City, ID 979

1/3 Es
1155 KXRA 92.3 MN Alexandria, area nx 1150

1/11 Tr
0715 KSMB 94.5 LA Lafayette, RDS 387
0730 WKSJ 94.9 AL Mobile, "KSJ" 659
0738 WTKL 95.7 LA New Orleans, "Kool 95.7" 514
0752 WEBZ 93.5 FL Port St. Joe, "The Beat," local ads 801

0807 WBHY 88.5 AL Mobile, ID, rel 650
0809 WTKX 94.3 LA Galliano, ID 527
0811 WUWF 88.1 FL Pensacola, traffic rpt 696
0915 WCKW 92.3 LA LaPlace, "The Point" 473
0926 KQIS 102.1 LA Basile, "Kicks 102.1," ID 376
0959 KPFL 105.1 LA Abbeville, ID 390
1432 WQCK 92.7 LA Clinton, "The Bridge" 457
18 WTNT 94.9 FL Tallahassee, ID 859

2259 WPCS 89.5 FL Pensacola, ID 664
2324 KZMZ 96.9 LA Alexandria, ID 388
2343 KQID 93.1 LA Alexandria, "Q-93" 409
2358 WJMI 99.7 MS Jackson, ID 528
1/11 Es
2300 CIDR 93.9 ON Windsor, RDS, "The River," smooth rk 1235

1/12 Tr
0001 WTYX 94.7 MS Jackson, "Arrow" 529
0007 KUEZ 99.3 TX Lufkin, ID 265
0014 KAVX 91.9 TX Lufkin, ID 269
0042 WCKW 92.3 LA LaPlace, "The Point" 473
0049 KLTJ 102.3 TX Jacksonville, ID, "The Light" 263

0120 WBBN 95.9 MS Taylorsville, After Midnite 562

1/12 Es
1135 KXRA 92.3 MN Alexandria, "KX-92" 1150

2/12 Tr
1839 WCKW 92.3 LA LaPlace, "The Point" 473

2/13 Es
1908 KFOX 93.5 CA Redondo Beach, Korean 1199
1910 KKBT 92.3 CA Los Angeles, rap 1187
1910 KMZT 105.1 CA Los Angeles, c 1188
1919 KWVE 107.9 CA San Clemente, ID 1151
1926 KBZT 94.9 CA San Diego, local ad 1126
1927 KXRS 105.7 CA Hemet, SS, area ads 1118
1929 KWXY 98.5 CA Cathedral City, area ads 1091
1931 XHCR 99.3 BCN Tijuana, area ads, k 1113

2/15 Tr
0352 KUST 99.7 TX Huntsville, "K-Star," area ads 205

4/6 Tr
0044 WCKW 92.3 LA LaPlace, "The Point" 473

0150 KTUX 98.9 TX Carthage, "Rock 99" 338

4/26 Es
1018 WPLA 93.3 FL Callahan, "Planet Radio" 1021

4/27 Tr
0829 KZMZ 96.9 LA Alexandria, ID 388

4/28 Tr
0043 WCKW 92.3 LA LaPlace, "The Point" 473

4/29 Es
1826 WBGF 93.5 FL Belle Glade, baseball 1107

1827 WLVE 93.9 FL Miami Beach, area ad 1149

1832 WCMQ 92.3 FL Hialeah, SS, "92" 1154

1833 WARO 94.9 FL Naples, "Arrow" 1052

1834 WWUS 104.1 FL Big Pine Key, area ad, RDS 1108

1838 WINK 96.9 FL Fort Myers, old r 1041

1838 WCLL 97.7 FL Punta Rassa, c 1038

1839 WKKB 103.9 FL Cape Coral, "B-103.9," area ads 1039

1845 WKIS 99.9 FL Boca Raton, RDS 1151

1853 WXDJ 95.7 FL North Miami Beach, area ad 1140



Happy Thanksgiving

Southern FM DX

Dyer continued

Late October saw the arrival of a Conrad RDS Manager, which is simply plugged into the audio output from the TM-1001. However, a near non-existent October-December Es season saw it put to little use for several months. Strong in-state tropo hampered the Leonids, Geminids and Quadrants. The February 13th event even provided some 144 Mhz Es to southern CA from here (and 222 Mhz from the Corpus Christi area to there).

5/4 Es

1936 KLGA 92.7 IA Algona, ID 969
1939 WEVE 97.9 MN Eveleth, area ad 1296
1954 KNOV 91.1 MN St. Paul, RDS ID 1116
2052 KWVK 96.5 MN Rochester, local ad, ID 1058
2054 WRLS 92.3 WI Hayward, local ad 1204
2225 WHRM 90.9 WI Wausau, RDS ID

5/13 Es

1024 WKTI 94.5 WI Milwaukee, ID 1110
1050 WRJO 94.5 WI Eagle River, local ad 1257
1104 WXRO 95.3 WI Beaver Dam, local ad 1106
1105 WHBM 90.3 WI Park Falls, RDS ID 1223
1109 WMQA 95.9 WI Minocqua, Paul Harvey 1228
1117 WJPD 92.3 MI Ishpeming, RDS 1319
1128 KOEL 92.3 IA Oelwein, ID 986

5/15 Tr

0901 KNFM 92.3 MI Midland, ID 285

5/15 Es

0910 KUSU 91.5 UT Logan, state ID 1141
0912 KVFY 94.5 UT Logan, "V-FX" 1136
0913 KQFC 97.9 ID Boise, ID 1377
0920 KKBT 92.3 CA Los Angeles, rap 1187
0926 KDB 93.7 CA Santa Barbara, cx, RDS ID 1295

0929 KRUI 103.3 CA Santa Barbara, local area ads 1295

0931 KMXX 100.7 ID Gooding, ID 1331

0938 KCLB 93.7 CA Coachella, RDS ID 1078

0952 KOMP 92.3 NV Las Vegas, ID 1079

0953 KQOL 93.1 NV Las Vegas, RDS ID 1079

0959 KILA 90.5 NV Las Vegas, ID 1052

0959 KILA 90.5 NV Las Vegas, ID 1052

1007 KEJZ 95.7 ID Twin Falls, id 1267

1024 KIZN 92.3 ID Boise, state ID 1377

5/15 Tr

1012 KODM 97.9 TX Odessa, ID 267

5/16 Tr

2200 KAVX 91.9 TX Lufkin, ID 269

2233 KQKI 95.3 LA Bayou Vista, ID 438

5/17 Tr

0437 KSMB 94.5 LA Lafayette, ID 387

0501 WDGL 98.1 LA Baton Rouge, "Eagle" 446

5/19 Es

0907 CBCL 93.5 ON London, RDS ID 1334

0935 CIMX 88.7 ON Windsor, "89-X" RDS ID 1235

1001 WERN 88.7 WI Madison, RDS ID 1064

1036 WOZZ 93.5 WI New London, area ad 1178

1042 WPFF 90.5 WI Sturgeon Bay, RDS ID 1229

1044 WAQE 97.7 WI Rice Lake, "Star 97.7" 1179

1045 WDOR 93.9 WI Sturgeon Bay, local ad 1228

1054 WGLR 97.7 WI Lancaster, local ad 1021

1055 WSPT 97.9 WI Stevens Point, ID 1150

1145 KNBZ 97.7 SD Redfield, "Z97KNBZ" RDS ID 1085

1148 KXGT 95.5 ND Jamestown, "KYN" RDS ID 1200

1154 KSJZ 93.3 ND Jamestown, ID 1197

5/20 Es
1054 KBPR 90.7 MN Brainerd, ID in RDS text 1190

November 2000

5/21 Tr
1038 KNFM 92.3 TX Midland, ID 285

5/22 Tr
0634 KSJL 97.7 TX Devine, transmitter spur 47

5/22 Es
1054 WCDR 90.3 OH Cedarville, "CDR The Path" 1094

1055 WZOW 97.7 IN Goshen, "Z-97.7," area ads 1096

1106 KISD 91.1 SD Reliance, RDS ID 1001

1141 KELN 97.1 NE North Platte, request phone # 820

1143 KAML 96.9 WY Gillette, ID 1092

1145 KGWY 100.7 WY Gillette, "The Fox" 1088

1158 KLMP 97.9 SD Rapid City, ID, "The Light" 1038

1210 KWGB 97.9 KS Colby, RDS ID 704

1211 KIQK 104.1 SD Rapid City, "Kick 104"

1215 KYDT 103.1 WY Sundance, area death notices 1084

1219 KRCS 93.1 SD Sturgis, area ad 1061

1223 KCSP 90.3 WY Casper, "PILGRIM" RDS ID 1012

1223 KIGN 97.9 WY Cheyenne, RDS ID 881

1226 KWYY 95.5 WY Casper, "KWY" 1012

1232 KTAP 97.9 WY Cody, RDS ID 1189

1238 KCSU 90.5 CO Fort Collins, ID 852

1240 KLZY 92.5 WY Powell, area/local ID, "Z-Rock" 1189

5/24 Es
1005 WBEZ 91.5 IL Chicago, ID 1053

1009 WBLV 90.3 MI Twin Lake, "BLUELAKE" RDS ID 1192

1040 WZJM 92.3 OH Cleveland Heights, area ad 1265

1045 WCOL 92.3 OH Columbus, ID 1141

1055 WKDD 96.5 OH Akron, ID 1254

1104 WPIG 95.7 NY Olean, ID 1418

1108 WLRD 96.9 OH Willard, ID 1198

1126 WHTT 104.1 NY Buffalo, "Oldies 104" 1431

5/25 Es
1816 WFLO 95.7 VA Farmville, RDS ID 1282

1821 WZJM 92.3 OH Cleveland Heights, "The Beat" 1265

1834 WBTU 93.3 IN Kendallville, area wx 1113

1838 WYGE 92.3 KY London, RDS ID 995

1911 WIAA 88.7 MI Interlochen, RDS ID 1241

1917 WUPS 98.5 MI Houghton Lake, "UPS" 1274

1926 WKJZ 94.9 MI Hillman, "B-ROCK" RDS ID 1338

1939 WWSW 94.5 PA Pittsburgh, "3WS" 1294

1949 WRRK 96.9 PA Braddock, area ads 1295

5/28 Es
1032 WBLV 90.3 MI Twin Lake, "BLUELAKE" RDS ID 1192

1040 WLAV 96.9 MI Grand Rapids, RDS ID 1182

1044 WNIJ 96.9 IL Zion, ID, cx 1080

1046 WJCH 91.9 IL Joliet, RDS ID 1007

1050 WKTI 94.5 WI Milwaukee, ID 1110

1054 WZEE 104.1 WI Madison, area ad 1064

1057 WHAD 90.7 WI Delafield, RDS ID 1093

1058 WBGE 92.3 IL Peoria, ID 926

1058 WYCA 92.3 IN Hammond, ID 1044

1059 KIAQ 96.9 IA Clarion, RDS ID 943

1104 WOZZ 93.5 WI New London, ID 1178

1110 WOLX 94.9 WI Baraboo, RDS ID 1084

1112 WOWN 99.3 WI Shawano, local ad 1194

1132 KTN 93.5 MN Worthington, ID, k 985

1152 WDOR 93.9 WI Sturgeon Bay, area ad 1228

1154 WGLR 97.7 WI Lancaster, ID 1021

1202 WRLS 92.3 WI Hayward, ID 1204

1202 WAQE 97.7 WI Rice Lake, ID 1179

1206 KLGA 92.7 IA Algona, RDS ID 969

1254 WCLQ 89.5 WI Wausau, "89-Q," rel 1177

Southern FM DX

Dyer continued

1524 KQDY	94.5	ND	Bismarck, "K-Love" 1213
1525 KLXS	95.3	SD	Pierre, area ad 1033
1526 KBYZ	96.5	ND	Bismarck, local ad, "The Fox" 1189
1527 KWYR	93.7	SD	Winner, local ad 957
1531 KPLO	94.5	SD	Reliance, area ad 1002
1533 KMNE	90.3	NE	Bassett, RDS ID 888
1536 KQSD	91.9	SD	Lowry, RDS ID 1093
1539 KNBZ	97.7	SD	Redfield, "K97KNBZ" RDS ID 1085
1552 KBRB	92.7	NE	Ainsworth, ID 906
1554 KGFX	92.7	SD	Pierre, local ad 1032
1614 KRNE	91.5	ND	Merriman, RDS ID 928
1621 KSLT	107.3	SD	Spearfish, xtr list 1064
1622 KIQK	104.1	SD	Rapid City, "Kick 104" 1038
1627 KMKM	93.9	SD	Rapid City, area wx, "Magic 93.9" 1039
1830 WZJM	92.3	OH	Cleveland Heights, "The Beat" 1265
1849 CBCL	93.5	ON	London, RDS ID 1334
1851 WXRK	94.5	OH	Port Clinton, area ad 1205
1855 CIMX	88.7	ON	Windsor, "89-X," area ad 1235
5/30 Es			
1808 KBPR	90.7	MN	Brainerd, ID in RDS text block 1190
1811 KSTP	94.5	MN	St. Paul, "KS-95" 1118
1811 KQKQ	98.5	IA	Council Bluffs, "Sweet 98" 829
1813 WHLA	90.3	WI	LaCrosse, RDS ID 1066
1816 KIAQ	96.9	IA	Clarion, RDS ID 943
1818 KCMH	99.9	MN	St. Joseph, area ad 1134
1819 KZPK	98.9	MN	Paynesville, area ad 1132
1822 KMXK	94.9	MN	Cold Spring, area ad 1124
1824 KZNX	105.7	MN	Eden Prairie, area ad 1101
1826 KLSS	106.1	IA	Mason City, ID 991
1830 WQPC	94.3	WI	Prairie du Chien, "Q-94," WI promos 1025
1831 KCMR	97.9	IA	Mason City, local wx 988
1831 KKCK	99.7	MN	Marshall, RDS ID 1045
1841 KSUX	105.7	NE	Winnebago, "The Super Pig" 896
1842 KUSD	89.7	SD	Vermillion, RDS ID 942
1843 KRLS	92.1	IA	Knoxville, ID, local wx 878
1844 KIAI	93.9	IA	Mason City, area ad 989
1845 KSEZ	97.9	IA	Sioux City, "Z-98," town ID 907
1846 KCRR	97.7	IA	Grundy Center, ID, classic r 944
1852 KELO	92.5	SD	Sioux Falls, ID, wx 976
1853 KRVI	95.1	MN	Detroit Lakes, area ad 1194
1853 KNRX	107.3	MO	Lexington, area ad 711
1857 WMZK	104.1	WI	Merrill, "Z-104," local/area ads 1184
1859 KRKR	95.1	NE	Lincoln, ID 801
1903 WMT	96.5	IA	Cedar Rapids, "Mix 96 1/2," ID, 949
1906 KLGA	92.7	IA	Algona, RDS ID 969
1909 WOLX	94.9	WI	Baraboo, ID 1084
1910 KKOK	95.7	MN	Morris, ID 1125
1911 KDOM	94.3	MN	Windom, town ID 1012
1912 KLGR	97.7	MN	Redwood Falls, ID 1057
1914 WJMQ	92.3	WI	Clintonville, k, area ad 1173
1929 KXRA	92.3	MN	Alexandria, "KX-92" 1150
5/31 Tr			
1305 KNFM	92.3	TX	Midland, ID 285

Local 90.9 was of for a few days during the month.

The Conrad RDS Manager certainly got a workout this period! It has been most useful in IDing those 88-92 items that are often ignored due to their very long, non-local program feeds. KBPR

November 2000

was a bit annoying then the NAME block just displayed "-----" and the TEXT block had to be advanced to. Fading would often not permit a full TEXT display if it were verbose (and some ARE!). Old reflex habits often had me running the tape recorder while waiting for an RDS signal to lock/stabilize (raw 57 kHz is well beyond what a 1-7/8 ips unit could capture!). All in all, it still could induce "jaw dropping" as IDs would pop up in fractions of a second - with signals often gone before a music selection had ended. A few stations have been come across that use the TEXT block for currently playing son/artist (and even ads!). If more than perhaps 10% of US stations utilized RDS it would revolutionize FM DXing techniques (and I wouldn't accrue so many C-90s to plow thru later to figure out ads, slogans, etc.).

5/4 Es

1855 XHNU	94.5	GR	Acapulco, ID 870
1858 XHPO	103.9	GR	Acapulco, local ad 870
1900 XHGRC	97.7	GR	Acapulco, area ad 870
1918 KVFX	94.5	UT	Logan, state ID 1136
1926 KORR	104.1	ID	American Falls, "Core 104" 1208
1929 KEZJ	95.7	ID	Twin Falls, ID 1267
1937 KZHT	94.9	UT	Provo, "ZHT" 1061
1938 KBZN	97.9	UT	Ogden, j 1089
1951 KMGH	93.9	AZ	Flagstaff, "The Mountain," local ad 844
2016 KFOX	93.5	CA	Redondo Beach, Korean 1199
2019 KKBK	92.3	CA	Los Angeles, rap 1187
2021 KLAX	97.9	CA	Long Beach, "LA," SS 1202
2022 KMZT	105.1	CA	Los Angeles, opera 1188
2038 KPLM	106.1	CA	Palm Springs, ID 1079
5/5 Es			
2012 KLKO	93.7	NV	Elko, ID 1252
2018 KCYQ	93.7	UT	Richfield, RDS ID, k 1000
2020 KJDX	93.3	CA	Susanville, "JDX," local ads 1453
2023 KOMP	92.3	NV	Las Vegas, local ad 1079
5/6 Es			
1052 KUAT	90.5	AZ	Tucson, ID 745
1108 KSNX	93.5	AZ	Show Low, ID 747
1111 KYXY	96.5	CA	San Diego, "Kixy" 1124
1114 KMSX	95.7	CA	Carlsbad, "Magic" 1126
1220 KOMP	92.3	NV	Las Vegas, ID 1079
2220 KQDY	94.5	ND	Bismarck, "K-Love" 1213
2226 KQSD	91.9	SD	Lowry, RDS ID 1093
5/6 Tr			
2236 KOMA	92.5	OK	Oklahoma City, ID 425
5/7 Tr			
1000 KOMA	92.5	OK	Oklahoma City, ID 425
5/7 Es			
1021 KULW	92.7	ND	Kindred, "Cool 92.7," area ads 1190
1028 KFNW	97.9	ND	Fargo, ID 1215
1030 KDSU	91.9	ND	Fargo, RDS ID 1212
1034 WDAY	93.7	ND	Fargo, "Y-94," local ad 1213
1037 KUSD	89.7	SD	Vermillion, RDS ID 942
1039 KELO	92.5	SD	Sioux Falls, ID 976
1042 KCCM	91.1	MN	Moorhead, RDS ID 1198
1042 KQMN	91.5	MN	Thief River Falls, //KCCM 1281
2000 KCGM	95.7	MT	Scobey, ID 1383
2009 KKRY	92.5	MT	Miles City, RDS ID 1231
2011 KPPR	89.5	ND	Williston, RDS ID 1319

Southern FM DX

Dyer continued

2015 KDZN	96.5	MT	Glendive, RDS ID 1262
2017 KVCK	92.7	MT	Wolf Point, area ad 1347
2102 KLAN	93.5	MT	Glasgow, ID 1354
5/8 Es			
0731 WRVQ	94.5	VA	Richmond, state ad 1340
5/9 Es			
1604 KBEE	98.7	UT	Salt Lake City, traffic 1085
1605 KUBL	93.3	UT	Salt Lake City, RDS ID 1089
1609 KBZN	97.9	UT	Ogden, "The Breeze" 1089
1612 KZHT	94.9	UT	Provo, "ZHT" 1061
1612 KXRX	96.3	UT	Provo, "X-96" 1084
1618 KUSU	91.5	UT	Logan, area nx 1141
1624 KJYE	92.3	CO	Grand Junction, "K-Joy" 880
1629 KYFO	95.5	UT	Ogden, BBN 1118
1635 KCPX	105.7	UT	Centerville, state ID 1089
1637 KRAR	106.9	UT	Brigham City, area ID 1125
1637 KOSY	106.5	UT	Spanish Fork, "Cozy," //106.9 1059
5/10 Es			
1321 KOEL	92.3	IA	Oelwein, ID 986
1346 WRLS	92.3	WI	Hayward, ID 1204
1348 WECI	91.5	IN	Richmond, "eastern IN" 1054
5/11 Es			
0732 WJBT	92.7	FL	Green Cove Springs, UPN 47 promo 1018
0737 WKXZ	92.7	GA	Dublin, local ad 952
0738 WBYZ	94.5	GA	Baxley, "Z-94," k 972
0746 WVOH	93.5	GA	Hazellhurst, ID 966
0752 AYS	110.2	GA	Waycross, VOR, Morse tone ID 965
0754 UIA	110.2	AL	Andalusia, VOR, Morse tone ID 739
0759 HEY	110.6	AL	Ozark, VOR, Morse tone ID 783
0803 ITOI	108.9	AL	Troy, ILS, Morse tone ID 767
0811 LSF	111.4	GA	Columbus, VOR, Morse tone ID 831
0820 MGM	112.1	AL	Montgomery, VOR, Morse tone ID 753
0824 IMGM	109.9	AL	Montgomery, ILS, Morse tone ID 751
0832 OKW	111.0	AL	Brookwood, VOR, Morse tone ID 719
0854 WSUY	96.9	SC	Charleston, "SUY," local ad 1140
0857 WDEF	92.3	TN	Chattanooga, area ad 866
0900 WKSX	92.7	SC	Johnstown, "KSX" 1026
0902 WELR	102.3	AL	Roanoke, RDS ID 822
0904 WHKN	94.9	GA	Millen, RDS ID 1014
0908 WRFG	89.3	GA	Atlanta, RDS ID 883
1040 KWOW	96.9	KS	Pittsburg, RDS ID 584
1042 KLTI	104.1	IA	Ames, ID 897
1046 KCLH	104.1	SD	Yankton, RDS ID 913
1053 KRGI	96.5	NE	Grand Island, RDS ID 913
1057 KROA	95.7	NE	Grand Island, area ad 781
1059 KKOT	93.5	NE	Columbus, ID, k 836
1108 KRNE	91.5	NE	Merriman, RDS ID 928
1112 KWGB	97.9	KS	Colby, RDS ID 704
1117 KSWN	93.9	NE	McCook, area ad 750
1125 KSKL	94.5	KS	Scott City, "Cool 94.5," area ad 640
1202 KIGN	97.9	WY	Cheyenne, RDS ID 881
1205 KOLZ	100.7	WY	Cheyenne, "Cott" 879
1206 KCSP	90.3	WY	Casper, "Pilgrim" RDS ID 1012
1209 KMGW	94.5	WY	Casper, "Star 94" RDS ID 1012
1215 KWYY	95.5	WY	Casper, "The Giant" 1012
1216 KTCL	93.3	CO	Fort Collins, ID 815
1220 KHHH	95.7	CO	Denver, RDS ID 803
1240 KTAG	97.9	WY	Cody, RDS ID 1189
1247 KTAH	93.9	WY	Riverton, ID 1058
1516 WCMQ	92.3	FL	Hialeah, "92," SS 1154

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1519 WGPB	91.5	GA	Vidalia, RDS ID 972
1538 WYAV	104.1	SC	Conway, "Wave 104" 1184
1546 WLFJ	89.3	SC	Greenville, "Hisradio" RDS ID 1016
1548 WSKX	92.3	GA	Hinesville, ID 1034
1553 WPEG	97.9	NC	Concord, RDS ID 1094
1557 WLNK	107.9	NC	Charlotte, "The Link" 1092
1608 WNGC	106.1	GA	Toccoa, ID 953
1613 WNSC	88.9	SC	Rock Hill, RDS ID 1090
1616 WKHX	101.5	GA	Marietta, "Kix 101.5" 888
1620 WLXL	92.3	VA	Roanoke, "K-92" 1188
1621 WPCB	94.9	GA	Atlanta, "Peach" 890
1626 WMOQ	92.3	GA	Bostwick, "Q-92 Real Country" 930
1631 WTFM	98.5	TN	Kingsport, ID 1067
1634 WBTS	95.5	GA	Athens, area ad 949
1640 WYAK	103.1	SC	Surfside Beach, area ad 1182
1649 WMFX	102.3	SC	St. Andrews, "The Fox" 1074
1651 WSB	98.5	GA	Atlanta, town ID 889
1700 WFMX	105.7	NC	Statesville, local ad 1128
1703 WNCW	88.7	NC	Spindale, ID 1040
1712 WKSF	99.9	NC	Asheville, local ad 1010
1720 WXXM	97.7	SC	Georgetown, "X-97.7" 1184
1748 WSCI	89.3	SC	Charleston, RDS ID 1128
1752 WAEG	92.3	GA	Evans, ID as WAEJ 100.9 1002
1752 WKRR	92.3	NC	Greensboro, local ad 1174
1800 WSLC	94.9	VA	Roanoke, ID 1188
2058 KGON	92.3	OR	Portland, local ads 1713
5/12 Es			
0754 WARO	94.5	FL	Naples, RDS ID 1052
0814 WXDJ	95.7	FL	North Miami Beach, SS, area ad 1140
0816 WWUS	104.1	FL	Big Pine Key, RDS ID 1108
0830 WINK	96.9	FL	Fort Myers, local ad 1041
0833 WRMF	97.9	FL	Palm Beach, ID 1139
0841 WCMQ	92.3	FL	Hialeah, state ID, SS 1154
0844 WMBX	102.3	FL	Jensen Beach, "Mix 102.3" 1125
0859 WMNF	88.5	FL	Tampa, RDS ID 996
0902 WXTB	97.9	FL	Clearwater, "98 Rock" 961
0907 WLVE	93.9	FL	Miami Beach, "Love 94" 1149
0915 WGMX	94.3	FL	Marathon, area ad 1125
1146 KFMA	92.1	AZ	Green Valley, ID 757
1148 KOOL	94.5	AZ	Phoenix, "Kool 94.5" 837
1154 KRQQ	93.7	AZ	Tucson, RDS ID 767
1207 KKFR	92.3	AZ	Glendale, "Power 92" 836
1220 KDUQ	105.7	AZ	Ludlow, "Pure Gold" 1089
1221 KMXP	96.9	AZ	Phoenix, "The Mix" 836
1225 KEDJ	106.3	AZ	Sun City, "The Edge" 855
1227 KZON	101.5	AZ	Phoenix, area ad 836
1231 KHVV	98.9	CA	Essex, Mojave traffic 1031
1257 KOMP	92.3	NV	Las Vegas, ID 1079
1300 KQOL	93.1	NV	Las Vegas, phone # 1079
1320 KADD	93.5	NV	Laughlin, area nx 997
1326 KJZE	101.5	CA	Baker, Highway RDS ID 1091
1333 KXXX	95.9	CA	Barstow, "Classic Rock" 1142
1349 KZIQ	92.7	CA	Ridgecrest, local ad 1186
1618 WSKX	92.3	GA	Hinesville, Braves promo 1034
1620 WTCQ	97.7	GA	Vidalia, regional ID 976
1644 WGPB	91.5	GA	Vidalia, RDS ID 972
1645 WMUQ	94.5	SC	Greenville, town ID 1017
1652 WJVV	94.9	TN	Greenville, ID 1029
1653 WSLC	94.9	VA	Roanoke, RDS ID 1188
1658 WJCL	96.5	GA	Savannah, local ad 1039
1702 WXBQ	96.9	TN	Bristol, ID 1067
1707 WDDO	96.5	TN	Chattanooga, RDS ID 869
1744 WKRR	92.3	NC	Greensboro, "Rock 92"
1751 WPCB	94.9	GA	Atlanta, "Peach" 890
1752 WXRC	95.7	NC	Hickory, area ad 1101
5/13 Es			
0813 WKQL	96.9	FL	Jacksonville, "Cool 96.9"

Southern FM DX

Dyer continued

0953 WGPB 91.5 GA Vidalia, RDS ID 972
1059 KUSD 89.7 SD Vermillion, RDS ID 942
6/14 Es
1929 KQDY 94.5 ND Bismarck, "K-Love" 1213
1931 KJJK 96.5 MN Fergus Falls, "KJ Country" 1168
1937 KKOK 95.7 MN Morris, ID 1125
1948 KSCR 93.5 MN Benson, ID 1108
1950 KXRA 92.3 MN Alexandria, "KX-92" 1150
1959 CITI 92.1 MB Winnipeg, ID 1390
2003 KMFY 96.9 MN Grand Rapids, ID 1260
2006 WMEG 106.3 MN Hibbing, ID 1274
2016 KDSU 91.9 ND Fargo, RDS ID 1212
2022 KGIN 94.3 MN Aitkin, RDS ID 1205
2033 WTBX 93.9 MN Hibbing, ID 1273
2036 KMDK 94.9 MN Cold Spring, "Mix 94.9" 1124
2041 KRCQ 102.3 MN Detroit Lakes, "Real Country," ID 1208

2055 KBOT 104.1 MN Pelican Rapids, area ad 1195
2106 KULW 92.7 ND Kindred, "Cool 92.7" 1190
2112 KQSD 91.9 SD Lowry, RDS ID 1093
2122 KKKQ 102.3 SD Volga, area ad 1024
2124 KIZZ 93.7 ND Minot, area ad 1302
2127 KBYZ 96.5 ND Bismarck, "The Fox" 1189
2134 KCND 90.5 ND Bismarck, RDS ID 1187
2141 KMPR 88.9 ND Minot, RDS ID 1291
2151 KSSS 101.5 ND Bismarck, "Star 101" 1210
2159 KLLD 89.5 SD Little Eagle, ID 1129
2223 KMTY 97.7 NE Holdrege, ID 758
2231 KMLQ 100.7 SD Lowry, ID 1093
6/16 Es
1648 WMGZ 97.7 GA Eatontown, "Z-97" 945
1648 WPCB 94.9 GA Atlanta, "Peach" 890
1929 WRFG 89.3 GA Atlanta, RDS ID 883
1956 WXLK 92.3 VA Roanoke, "K-92" 1188
1956 WSLC 94.9 VA Roanoke, RDS ID 1188
2029 WKML 95.7 NC Lumberton, ID 1199
6/18 Es
2214 WHLA 90.3 WI LaCrosse, RDS ID 1066
6/20 Es
1053 WKEY 93.5 FL Key West, ID 1090
1056 WWUS 104.1 FL Big Pine Key, ID 1108
1059 WRLA 107.9 FL Key West, ID 1101
1827 WSKX 92.3 GA Hinesville, Braves bb 1034
1839 WVOH 93.5 GA Hazlehurst, "B-93," local ad, k 966

1910 WHKN 94.9 GA Millen, RDS ID 1014
1914 WKQL 96.9 FL Jacksonville, "Cool 96.9" 1022
1921 WBYZ 94.5 GA Baxley, local ad 972
6/21 Es
1158 XHCAQ 92.3 QR Cancun, "Radio Formula," town ID 935

1208 XHQOO 90.7 QR Cancun, "Radio Pirata" 935
1320 KOMP 92.3 NV Las Vegas, local ad 1079
1421 WKEZ 96.9 FL Tavernier, area ad 1153
1440 WCMQ 92.3 FL Hialeah, area ads, SS 1154
1443 WAYJ 88.7 FL Fort Myers, "Way FM" 1047
1446 WLVF 93.9 FL Miami Beach, "Love 94," smooth j 1149

1450 WARO 94.5 FL Naples, RDS ID 1052
1607 WHEX 92.7 GA St. Simons Island, "The Fox" 1029

1615 WMTM 93.9 GA Moultrie, WSB spots - Braves net 892

1620 WSKX 92.3 GA Hinesville, local ad 1034
1622 WQSL 92.3 NC Jacksonville, "Q-92" 1280
1627 WWUF 97.7 GA Waycross, area ad 982
1642 WBBC 93.5 VA Blackstone, RDS ID 1297
1643 WRVQ 94.5 VA Richmond, "Q-94" 1340
1644 WKLR 96.5 VA Fort Lee, "The Planet" 1335
1648 WTQR 104.1 NC Winston-Salem, ID 1157
22 WSLC 94.9 VA Roanoke, RDS ID 1188

22

November 2000

1651 WXLK 92.3 VA Roanoke, "K-92" 1188
1652 WXBQ 96.9 TN Bristol, ID 1067
1701 WKSF 99.9 NC Asheville, "Kiss" 1010
1705 WFLS 93.3 VA Fredericksburg, ID 1352
1713 WAXM 93.5 VA Big Stone Gap, area ad 1042
1722 WRBX 104.1 GA Reidsville, area ad 995
1723 WTRS 102.3 FL Dunnellon, ID 975
1724 WFFM 105.7 GA Ashburn, "106 Mix," rap 902
1729 WKQL 96.9 FL Jacksonville, local ad 1022
1732 WFKS 97.9 FL St. Augustine, area ad 1027
1748 WGPB 91.5 GA Vidalia, RDS ID 972
1833 WHKN 94.9 GA Millen, RDS ID 1014
1850 WTAK 106.1 AL Hartselle, ID 780
1851 WSFL 106.5 NC New Bern, ID 1297
1853 IFTY 109.1 GA Atlanta, ILS, Morse tone ID 881

1854 DCU 112.8 AL Decatur, VOR, Morse tone ID 771
1900 RQZ 112.2 AL Huntsville, VOR, Morse tone ID 791
1911 HRS 109.8 GA Harris, VOR, Morse tone ID 938

1920 WRDU 106.1 NC Wilson, ID 1262
1921 WFMX 105.7 NC Statesville, area ad 1128
1926 WKSJ 98.7 NC Greensboro, Thepoint RDS ID 1176

1932 WDCG 105.1 NC Durham, call-in phone # 1211
2300 WYCA 92.3 IN Hammond, ID 1044
2302 WBLV 90.3 MI Twin Lake, Bluelake RDS ID 1192
2315 WNIZ 96.9 IL Zion, c 1080
2320 WBGE 92.3 IL Peoria, ID, "Cool FM" 926
2322 WKSO 94.3 IL Chillicothe, "Kiss 94," area ID 936

2327 WIAA 88.7 MI Interlochen, RDS ID 1241
6/22 Es
0739 WVOH 93.5 GA Hazlehurst, local ad 966
0756 WVAS 90.7 AL Montgomery, RDS ID 923
0818 WWSA 92.3 FL Orlando, regional ad 1058
0820 WMMO 98.9 FL Orlando, ID 1041
0828 WCFB 94.5 FL Daytona Beach, local ad 1033
6/24 Es
1121 WRHY 105.9 AL Centre, "Y-106" 819
1124 WKKT 96.9 NC Statesville, "Kat Country" 1117

1125 WKRR 92.3 NC Greensboro, local ad 1174
1128 WPTM 102.3 NC Roanoke Rapids, ID 1301
1141 WSPA 98.9 SC Spartanburg, "Lite Rock 98.9" 1027

1148 WXRK 95.7 NC Hickory, "XRC," town ID 1101
1153 KDSU 91.9 ND Fargo, RDS ID 1212
1201 WXRK 94.5 NC Eden, ID 1181
1332 WTTT 92.3 IN Bloomington, ID 986
1342 WCOL 92.3 OH Columbus, ID 1141
1348 WNCI 97.9 OH Columbus, ID 1142
1349 WRRM 98.5 OH Cincinnati, area ad 1039
1351 WQMF 95.7 IN Jeffersonville, "QMF" 940
1352 WIGZ 96.5 IN Corydon, "B-96" 940
1355 WSMZ 103.1 OH Johnstown, "central Ohio" 1165
1357 WRKA 103.1 KY St. Matthews, ID 956
1400 WMOJ 94.9 OH Fairfield, area ad, "Mojo" 1045
1403 WPFB 105.9 OH Middletown, "The Rebel" 1065
1403 WQAL 104.1 OH Cleveland, ID 1253
1408 WJNN 106.1 IN North Vernon, "Oldies 106.1" 987

1416 WLQT 99.9 OH Kettering, ID 1082
1417 WHKO 99.1 OH Dayton, "K-99.1," area ID, k 1079

1420 WVNO 106.1 OH Mansfield, local ad 1190
1421 IFAH 108.5 KY Paducah, ILS, Morse tone ID 772
1425 OOM 110.2 IN Bloomington, VOR, Morse tone ID 954

Southern FM DX

Dyer continued

1429 RSV 108.4 IL Robinson, VOR, Morse tone ID 907

1438 WLBC 104.1 IN Muncie, ID 1050
1440 WTLK 105.7 IN Indianapolis, ID 1006
1441 WKKR 94.5 OH Port Clinton, "XKR," area ID 1194

1442 WAZY 96.5 IN Lafayette, ID 994
1443 WLDE 101.7 IN Fort Wayne, local ad 1103
1447 WHTY 93.5 IN Hartford City, area ad 1059
1450 WCRK 95.7 IL Effingham, ID 877
1451 WKHY 93.5 IN Lafayette, local wx 1000
1509 WLQI 97.7 IN Rennselaer, RDS ID 1022
1511 WLAV 96.9 MI Grand Rapids, "LAV" 1182
1516 WOOD 105.7 MI Grand Rapids, "EZ-105.7" RDS ID 1167

1521 WNNW 98.5 MI Coldwater, area ad 1154
1523 WONU 89.7 IL Kankakee, RDS ID 1006
1524 WAUS 90.7 MI Berrien Springs, RDS ID 1171
1533 WBLV 90.3 MI Twin Lake, "Bluelake" RDS ID 1192

1539 WMMQ 94.9 MI East Lansing, town ID, classic r 1198
1541 WKIE 92.7 IL Arlington Heights, phone # 1056

1551 WRIT 95.7 WI Milwaukee, ID 1111
1551 WRHL 102.3 IL Rochelle, ID 1010
1559 WHAD 90.7 WI Delafield, RDS ID 1093
1600 WIAA 88.7 MI Interlochen, RDS ID 1241
1610 WKHL 96.5 WI Milwaukee, ID 1110
1615 WMYX 99.1 WI Milwaukee, ID 1098
1616 WKTI 94.5 WI Milwaukee, ID 1110
1617 WOZZ 93.5 WI New London, area ad 1178
1623 WJMQ 92.3 WI Clintonville, ID 1173
1625 WZEE 104.1 WI Madison, local ad 1064
1627 WYZM 105.1 WI Waunakee, area ad 1079
1628 WAPL 105.7 WI Appleton, "APL" 1180
1633 KWWR 95.7 MO Mexico, ID 770
1636 WXPB 96.9 IL Moline, "97 X" 939
1639 WSPT 97.9 WI Stevens Point, "central WI" 1150

1645 KICK 97.9 MO Palmyra, area ad 816
6/24 Tr
2156 KIAE 93.5 LA Leesville, ID, "Real Country" 337

6/25 Es
0723 WJPD 92.3 MI Ishpeming, RDS ID 1319
0724 WBLV 90.3 MI Twin Lake, "Bluelake" RDS ID 1192

0726 KKIN 94.3 MN Aitkin, RDS ID 1205
0738 WKQL 94.5 MI Holland, "KLQ" 1160
0741 WLAV 96.9 MI Grand Rapids, RDS ID 1182
0742 KMFI 96.9 MN Grand Rapids, ID 1260
0804 KDVL 102.5 ND Devils Lake, RDS ID 1278
0809 KBPR 90.7 MN Brainerd, RDS ID in text block 1190

0820 KDSU 91.9 ND Fargo, RDS ID 1212
0827 KULW 92.7 ND Kindred, area ads 1190
0856 KQSD 91.9 SD Lowry, RDS ID 1093
0858 CBWS 92.7 MB Brandon, "CBC Brandon" 1396
0907 KQDY 94.5 ND Bismarck, "K-Love" 1213
0910 KXRA 92.3 MN Alexandria, "KX-92" 1150
6/26 Es
0841 KBPR 90.7 MN Brainerd, RDS ID 1190
0846 KWIT 90.3 IA Sioux City, ID 907
0850 KDSU 91.9 ND Fargo, RDS ID 1212
0859 WNFN 90.7 MI Sandusky, ID 1295
0951 KCSP 90.3 WY Casper, "Pilgrim" RDS ID 1012
0955 KDJM 92.5 CO Greeley, "Jammin' 92.5" 817
6/27 Tr
1945 KOMP 92.3 NV Las Vegas, ID 1079
6/27 Tr
1953 KNFM 92.3 TX Midland, ID 285

November 2000

6/28 Es
0922 KXRA 92.3 MN Alexandria, "KX-92," town ID 1150
0945 KSEZ 97.9 IA Sioux City, "Z-98," town ID 907
0947 KKOK 95.7 MN Morris, local ad 1125
0947 KZPK 98.9 MN Paynesville, "Wild Country" 1132
0953 KJJK 96.5 MN Fergus Falls, "KJ Country" 1168
0955 KBOT 104.1 MN Pelican Rapids, area ad 1195
0959 KSCR 93.5 MN Benson, ID 1108
6/29 Es
1922 WSLC 94.9 VA Roanoke, RDS ID 1188
1955 WLJA 93.5 GA Ellijay, town ID, Braves bb 899

This was the most productive June Es in several years. Again, the RDS decoder was instrumental in many IDs, especially in the 88-92 region. If the RDS ID was something other than the call letters then it is indicated.

Brief 144 Mhz Es to NC was observed June 11 around 1600 CST. The 2Es Portland OR catch that evening was a bit of luck as nothing else was being noted on the FM, and the tuner was parked on 92.3 Mhz! My peak signal times for it seemed to coincide with 144 Mhz Es peaks on an OR to CO path. 73, Pat -WASIXX

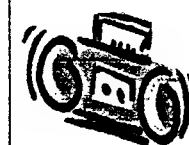


John Tudenham - W0JRP
2824 Missouri
Joplin, MO 64804-2755
CDT

Onkyo tuner, 6 element yagi at 25'

9/5 Tr
2340 KEXL 106.7 NE Norfolk, singing ID
2352 KCLY 100.9 KS Clay Center, "100.9 KCLY"
9/6 Tr
0002 KJHK 90.7 KS Lawrence
0016 KKKT 103.7 IA Glenwood, "Omaha's Country Leader"
0018 KZFX 101.9 NE Lincoln

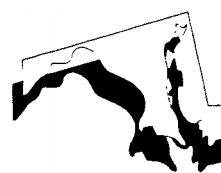
Also good tropo on UHF TV to SD, NE, MN and IA.



Your resource for FM DXing

<http://members.aol.com/fmdxweb>

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Dan Oetting
107 S. Tartan Dr.
Elkton, MD 21921
EDT

Harmon-Kardon Citation 23 tuner, Yamaha T-70, Channel Master Stereo Probe 9 and Archer 10 element FM yagi @ 14' AGL, Andy Bolin phase box, 20 db FM amp

8/22 Tr

2130 WUJZ 96.9 VA Bowling Green, "96.9 The Rock"
9/6 Tr (super opening)
2045 WBRF 98.1 VA Galax, bluegrass
2059 WSLC 94.9 VA Roanoke, "Star Country"
2116 WHAJ 104.5 WV Bluefield, "J-104.5," r
2156 WRAL 101.5 NC Raleigh
2206 WNCW 88.7 NC Spindale, ad for Asheville, wx calls

2300 WVTF 89.1 VA Roanoke, j
2300 WAGO 88.7 NC Snow Hill
2330 unID 93.9 ?? ??, "93.9 The Light" w/Delilah
2335 WOMP 100.5 OH Bellaire, "womp-FM"
2341 WNCT 107.9 NC Greenville, o

6/7 Tr

0002 WKSJ 98.7 NC Greensboro, "The new 98.7 The Point," r
0015 WVOR 100.5 NY Rochester, r, in solid!
0026 WQGH 103.5 OH Steubenville, wx, "Froggy 103"
0044 WYFL 92.5 NC Henderson, g
0226 WEGW 107.5 WV Wheeling, "Eagle 107.5," ro
0242 WYYD 107.9 VA Amherst, k
0304 WQKD 91.1 VA Danville, g, multiple IDs
0830 WSLQ 99.1 VA Roanoke, rm, "Q-99"
1130 WDSY 107.9 PA Pittsburgh, ad w/phone # in area code 412

2016 WMGS 92.9 PA Wilkes-Barre
2028 WXLK 92.3 VA Roanoke, r, "K-92"
2040 WPLR 99.1 CT New Haven, rp
2046 WKCI 101.3 CT Hamden, "KC-101"
2256 WCYK 99.7 VA Staunton, "Country 99.7"

9/8 Tr

0005 WQZK 94.1 WV Keyser, legal ID, rp
0045 WXKS 107.9 MA Medford, r, "Kiss 108"
0046 WFCC 107.5 MA Chatham, c
1406 WYYD 107.9 VA Amherst, solid!
1410 WSLC 94.9 VA Roanoke, solid!
1420 WROV 96.3 VA Martinsville, rp, strong as Philly Baltimore stations! Incredible! No sign of WHUR w/phase box

1428 WAKG 103.3 VA Danville, k
1801 WSSL 100.5 SC Gray Court, k, "Whistle 100," full quieting!

1832 WYEG 91.1 SC Gaffney, legal ID, g
1900 WUVAI 92.7 VA Charlottesville, s
1918 WQOK 97.5 VA South Boston, s
1921 WLDJ 102.7 VA Appomattox, "Oldies 105 and 102.7"

9/10 Tr

2100 WERX 102.5 NC Columbia, "The Shark"
2108 WRSF 105.7 NC Columbia, "Dixie 105.7"
2145 WJMAI 96.7 VA Orange, bluegrass, old k

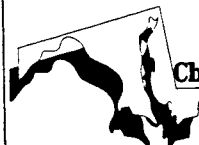
9/11 Tr

0200 WKTC 95.5 NC Pinetops, k, ID
24 WKSJ 102.7 PA Williamsport, ID, r

November 2000

0310 WERO 93.3 NC Washington
0340 WGGY 101.3 PA Scranton, k, "Froggy 101"
2110 WCXL 104.1 NC Kill Devil Hills
10/2 Tr
1008 WBYX 88.7 PA Stroudsburg, gr, ID

The tropo between September 6 and 8 was among the best 5 openings I've witnessed in over 20 years of FM DXing. Hearing Roanoke area stations in like locals in the early afternoon was a major rush. Hearing Gray Court, SC, was the best of the bunch. I give the year 2000 a thumbs up for DX.



William McGuire
2412 59th Pl.
Cheverly, MD 20785-2918
EDT

DX-398

9/4 Tr

1935 WAYZ 104.7 MD Hagerstown, k, "The hottest country on the new WAYZ," mention of something in Greencastle, format change
2022 WUSQ 102.5 VA Winchester, k, "Q-102"
2030 WARX 106.9 MD Hagerstown, wx, "Oldies 106.9"
2145 WFBR 94.3 MD St. Michaels, mention of the Light net, ad for Capital Planners, mentions of Dover and DE State Journal

2155 WCEI 96.7 MD Easton, ad for Midshore.com internet service, ID, Delilah

9/10 Tr

2215 WOGL 98.1 PA Philadelphia, black o show, "Oldies 98.1"
2222 WPST 97.5 NJ Trenton, Creed song heard, "The best variety, 97.5 PST"

2230 WORM

92.7 NJ Toms River, promo for morning show, soft r, ID
2235 WSTW 93.7 DE Wilmington, promo, ID
2300 WQWI 102.9 VA Norfolk, s, "103 Jamz"
2345 WNVV 104.5 VA Norfolk, hip-hop, RDS, "Z-104"
2358 WLWV 105.5 MD Salisbury, "The Wave," ID

9/11 Tr

0008 WGCZ 94.3 NJ Avalon, "The Coast"

9/17 Tr

2229 WVVV 97.5 VA Charlottesville, promo for local event, ment of internet URL
2240 WFBR 94.3 MD St. Michaels, "The Light" //101.3 and promo for local church event

2258 WZBH 93.5 DE Georgetown, ID, "The Beach"

9/18 Tr

2154 WNVA 104.5 VA Norfolk, RDS, "Z-104"
2200 WRAR 105.5 VA Tappahannock, Cowboys-Redskins NFL game, ads, ID
2215 WPST 97.5 NJ Trenton, Top 40, "97.5 PST"
2225 WDSO 92.9 DE Smyrna, U of DE football trip promo, spots, ID

2353 WOGL 98.1 PA Philadelphia, ads, wx, o
2359 WSTW 93.7 DE Wilmington, promo, ID

9/19 Tr

0020 WZHF 94.3 VA Warrenton, SS
0035 unID 93.3 ?? ??, r w/AC-DC song

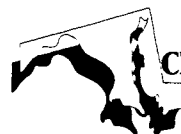
9/20 Tr

2010 WAFL 97.7 DE Milford, "Eagle 97.7"

Southern FM DX

McGuire continued

2045 WQHQ 104.7 MD Ocean City, "Q-105," Delilah
2305 WKWI 101.7 VA Kilmarnock, AC, "Bay 101.7"



Gus Mancuso
5706 Greenleaf Rd.
Cheverly, MD 20785-1112
(301) 583-0531
EDT

6/26 Es

1812 WRVR 104.5 TN Memphis

9/14 Tr

2140 WICO 97.5 MD Salisbury

9/18 Tr

1815 WFBR 94.3 MD St. Michaels
1824 WVVV 97.5 VA Charlottesville, o/NJ & WV
1831 WQMZ 95.1 VA Charlottesville, null on WRBS, this and the last two due to enhancement from tropical storm in Carolinas

10/4 Tr (Gaithersburg MD)

2041 WPER 89.9 VA Culpepper
2100 WCRH 91.7 MD Williamsport
2140 W205BL 88.9 MD Frederick, WETH xtr, FMA #18 lists as 88.1 which would seem wrong as WJTM Frederick is already on 88.1, IDed as "This is WETA," WETH/WETA

Total now 408, including 75 from MD.



Jim Pizzi
5937 Coleman St.
North Las Vegas, NV 89031
PDT

5/21 Es (Paso Robles, CA)

2016 KGK 98.3 SD Wessington Springs, wx, "Cool 98"

2023 KPLO 94.5 SD Reliance, calls, k

2026 KQRK 92.3 MT Ronan, calls, "Super Q"

November 2000

7/6 Es (home in North Las Vegas)

1237 KYKR 95.1 TX Beaumont, calls, ads, "Kicker"
1239 KAYD 97.5 TX Beaumont, "KD 97"

7/16 Es

1107 XHRL 98.1 NL Monterrey, "Genesis"

1158 XHLDQ 88.9 TM Nuevo Laredo, wx, ment

Laredo, SS contemporary mx

2005 KKTX 96.1 TX Kilgore, classic r, "96-X"

2013 KYNG 105.3 TX Dallas, ads

2018 KTBQ 107.7 TX Nacogdoches, r, "Q-107"

2025 KKMY 104.5 TX Orange, ads

2026 KKDA 104.5 TX Dallas, rap

2051 KKYS 104.7 TX Bryan, ad, "Mix 104.7"

2131 unID 89.1 TX ??, rel, ment Irving (I'm betting it's KMQX Springtown TX, which is //KTPW 89.7 Sanger-j)

8/3 Es

1830 KELI 98.7 TX San Angelo, calls

1832 unID 99.3 ?? ??, SS

1834 KVLC 101.1 NM Hatch, ment Messia Valley, ads, "101 Gold"

1844 KPSM 99.3 TX Brownwood, "K-99.3 KPSM"

1845 KOXX 101.3 TX Brownwood, ads

1849 KXYL 104.1 TX Brownwood, k, "Kicks 104"

Moved to North Las Vegas on June 15th. All settled in now, no more boxes to unpack. Getting used to life in the big city.

FM congestion is not too bad, with some overload in spots. Using a Radio Shack VU-90 for FM and TV. In a few months I'll put up my old Antennacraft FM-10 and an old conical TV antenna (TV will be vertical).



FROM THE EDITOR

Great column for November, eh? Thanks for all of your support this year. Remember, the Leonids meteor shower is this month. And ya just never know when a great Es opening will hit.

Here's hoping you and yours have a great Thanksgiving! See y'all next month.....

TELL THE DX WORLD ABOUT YOUR CATCHES-REPORT!!!

Eastern TV-DX

November 2000

Matthew C Sittel
15013 Eureux Circle
Bellevue, NE 68123
76255 2171@Compuserve.com
Deadline: last day of month

Eastern TV-DX is for reporters from the following states: AL, CT, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT and WV, plus Washington, DC. Also for reporters from the following Canadian provinces: NB, NF, NS, ON, PEI and PQ. Foreign reports are also welcome!

Conditions are rather quiet right now, but there are still reports of some summer skip and tropo. I know I'm hoping for some good DX to come back; it's been too quiet lately on the dials! On to the reports...

William McGuire, 2412 59th Pl., Cheverly, MD 20785-2918

Equipment: Admiral Color TV.

9/4 tr	9/9 tr
1955 WRLH-35 VA Richmond, Fox 35 100	0005 WCPB-28 MD Salisbury, PBS
9/8 tr	9/10 tr
2325 WMPB-67 MD Baltimore, PBS	2315 KYW-3 PA Philadelphia 150
2345 WTXF-29 PA Philadelphia, Fox 150	2332 WCAU-10 PA Philadelphia 150

Saul Chernos, 57 Berkeley St., Toronto, ON M5A 2W5 Canada (416) 364-0725 schernos@sympatico.ca

7/11 tr (TD)	0317 CHNB-4 ON North Bay, MCTV TP
0530 W59BV-59 NY Rochester	0540 WNEM-5 MI Bay City
0530 WFXV-33 NY Utica, CAN	0616 CBLT1-16 ON Barrie, CBC TP
7/14 Es (BR)	9/7 tr (TB)
2003 WSB-2 GA Atlanta	0058 WAWW-LP-38 NY Rochester, CAN
7/28 Es (BR)	0100 WVIA-44 PA Scranton, PBS
1821 KSNC-2 KS Great Bend	0103 WYOU-22 PA Scranton, CBS
1826 KLBV-4 KS Colby	0105 WBRE-28 PA Wilkes-Barre, NBC
1908 CBWFT7-2 ON Kenora, FF	0130 WOLF-56 PA Hazleton, Fox 56
1914 CKND2-2 MB Minnedosa, Global nx	0230 WATM-23 PA Altoona, ABC
7/29 Es (BR)	0300 WETK-33 VT Burlington
1623 WPBT-2 FL Miami, PBS	0900 WNEP-16 PA Scranton
1629 WFOR-4 FL Miami, CBS	9/18 tr (TB)
2025 WCBF-2 SC Charleston, NBC	1934 CKWS-11 ON Kingston, CBC
8/10 tr (TD)	1952 WNEO-45 OH Alliance, "45/49"
0130 WGTE-30 OH Toledo	2007 WYTV-33 OH Youngstown, ABC
8/14 tr (TB)	2052 WBGH-LP-40 NY Rochester, UPN
0130 WNNY-7 NY Watertown, w/WKBW	2340 WVMY-22 VT Burlington (TD)
8/15 tr (TS)	9/19 tr (TD)
0149 CKCO4-11 ON Huntsville, MCTV TP	0030 CIII29-29 ON Sarnia, Global
0215 CICI-5 ON Sudbury, MCTV TP	0245 CICO92-55 ON Cloyne, TVO TP
0219 CICA13-13 ON Parry Sound, TVO	0250 CITY2-65 ON Ottawa, // 57
0302 CICA6-6 ON North Bay, TVO TP	

Guide to DX locations:

(BR) Burnt River
(TD) Toronto-Downtown
(TB) Toronto-Scarborough Bluffs
(TS) Toronto-Snowball

Eastern TV-DX, November 2000

page 2

Thanks to two new portable TV sets and a cigarette-lighter adapter, I am now DXing TV when I go mobile. In Toronto, I DX mobile at the Scarborough Bluffs, in the city's east end. This is a cliff overlooking Lake Ontario, facing Rochester and Buffalo, NY. From these bluffs I have had FM tropo as far away as ME, VA and Cape Cod, MA, so I am looking forward to TV here (in the PA opening above I had strong CCI on locals 41, 47 and 57). Snowball is a hamlet in the northwest suburbs of the city, in and around the towns of Newmarket and Aurora. There's this nice hill here. Not scenic like Bob Seybold's hill in Dunkirk, NY, but I've had FM tropo from NE, IA, MN and MO to the west, KY and TN to the southwest, WV to the south, Montreal, PQ to the east and Timmins to the north. I've yet to try the TV here when the signals are really pounding in from afar, so I have something to look forward to. When I DX TV downtown, it's an NEC auto-color TV with a small two-bay on UHF and bow-tie on VHF. I've had TV here from Burlington, VT, York, PA and Toledo, OH. But when it gets hot here like that I go mobile. My two portables will come in very handy at Burnt River for Es next summer. I got them after the Es season ended. Next summer I hope to have both running on video, and I'll be DXing FM audio. Maybe more if I pick up anything decent at garage and ham sales this fall. All this to say I'll be reporting here much more often than in the past. '73's, Saul.

Roy Barstow, PO Box 2488, Teaticket, MA 02536

6/7 Es	0805 WEPX-38 NC Greenville 562
1045 TR-3 CUBA Holguin <1> 1480	0805 WHMC-23 SC Conway 702
1100 TR-5 CUBA Santiago de Cuba 1520	0830 WJWJ-16 SC Beaufort 825
both with test pattern and tone	0830 W19BM-19 VA Virginia Beach 460
1130 WPBT-2 FL Miami 1209	0830 WMMB-21 SC Florence 688
1130 WFOR-4 FL Miami 1206	0830 WPDE-15 SC Florence 688
6/8 tr	0900 WFXB-43 SC Myrtle Beach 699
1900 Eastern VA - 15, 27, 33, 43 + 14 LPs	8/27 tr
6/20 tr	0000 CKLT-9 NB Saint John 345
2130 WYDO-14 NC Greenville 562	0222 WTAT-24 SC Charleston 779
2130 W31BG-31 VA Yorktown 460	0230 W40AH-40 VA Chesapeake 460
2130 W39BW-39 VA Newport News 457	0400 CIHF6-9 NS Bridgewater 363
above // religion WJHJ	0400 WCTI-12 NC New Bern 577
2230 W18BS-18 VA Hampton 457	double barrel high pressure
6/21 tr	8/29 tr
0510 WNCN-17 NC Goldsboro 592	2000 W14CL-14 ME Hartswell 156
0530 WUNM-19 NC Jacksonville 577	rock mx video-then scroll info.
0530 WUNU-31 NC Lumberton 640	2330 W33AK-33 NH Nashua
0530 WUNP-36 NC Roanoke Rapids 533	8/30 tr
0600 WRAY-30 NC Wilson, in strong 570	0100 CIHF2-12 NB Saint John 345
0600 WUNJ-39 NC Wilmington 660	0100 CKLT-9 NB Saint John 345
0600 WRAZ-50 NC Raleigh 591	0200 CIHF14-42 PEI Charlottetown <5> 481
7/2 tr	0215 CBHT-46 NS Middleton 377
0830 WEWE-LP-24 MD Ocean City 330	9/7 tr
0835 W18BB-18 NC Elizabeth City 550	0800 WLYH-15 PA Lancaster 319
0835 WUNM-19 NC Jacksonville 577	0800 WPCB-40 PA Greensburg 485
0835 WUNJ-39 NC Wilmington 660	0815 WKBS-47 PA Altoona 414
7/4 Es	0815 WATM-23 PA Altoona 414
1900 WKAQ-2 PR San Juan <2> 1640	0815 WCWB-22 PA Pittsburgh 481
1935 WPBT-2 FL Miami 1209	0815 WPGH-53 PA Pittsburgh 495
7/7 Es	0815 WNPA-19 PA Johnstown 457
0930 unID-2 Venezuela!? <3>	0815 WQEX-16 PA Pittsburgh 494
7/15 Au	0850 WQED-13 PA Pittsburgh 494
1700 unIDs-2 through 13	running // to WQEX, pledge drive
Es	0930 WVPT-51 VA Staunton 518
2100 CJCN-4 NF Grand Falls	2015 WIVT-34 NY Binghamton 277
8/5 Es	2015 WSKG-46 NY Binghamton 277
0900 -2 CUBA Havana <4>	2015 W42AE-42 NY Poughkeepsie 175
0900 WPBT-2 FL Miami 1209	100 watts
8/9 tr	2015 WSPX-56 NY Syracuse 297
0800 WYDO-14 NC Greenville 562	2015 WMUR-LP-29 NH Littleton 200
0800 WUNJ-39 NC Wilmington 660	minus offset-from 16
0805 WJPM-33 SC Florence 708	9/8 tr
0805 WUNK-25 NC Greenville 562	0000 WNCN-17 NC Goldsboro 592

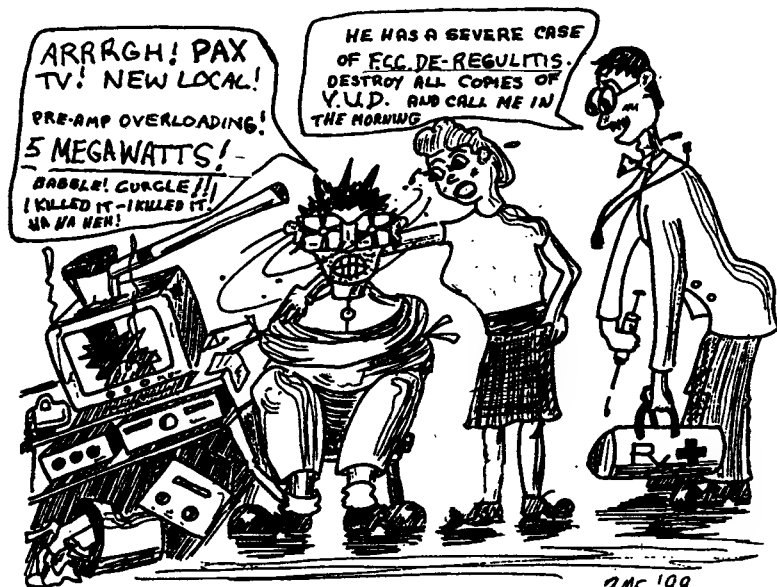
0000	WRAZ-50	NC	Raleigh	591	0130	WFVT-55	SC	Rock Hill	731
0000	WUNP-36	NC	Roanoke Rapids	533	0300	WATM-23	PA	Altoona	414
0000	WXOP-LP-14	VA	Richmond, Box	471	0300	WKBS-47	PA	Altoona	414
0000	WRAY-30	NC	Wilson	570	1120	WFXR-27	VA	Roanoke	593
0000	WUNU-31	NC	Lumberton	640	1130	WBRA-15	VA	Roanoke	592
0000	WUNJ-39	NC	Wilmington	660	1130	WPXR-38	VA	Roanoke	593
0000	WPDE-15	SC	Florence	688	1200	WJPR-21	VA	Lynchburg	564
0040	WUNM-19	NC	Jacksonville	577	1800	WDBJ-7	VA	Roanoke	593
0040	WTVI-42	NC	Charlotte	705				Roanoke in all day	
0040	WJZY-46	NC	Belmont	713					

Notes:

1. East Cuba in on Es 1/2-hour before Es from US began.
2. Russ Miller's wife called to inform me that Puerto Rico was in I sent her a rose via Express Mail.
3. Unknown Spanish station coming in. A black 2 outlined in white in lower right of screen. Three men talking, and a map of North and South America behind them. Around 9:20am words: "INFIERNO-PARAISO". Anyone know who this could be??
4. This was caught on tape. Castro giving one of his Saturday speeches.
5. This also caught on tape. Around 2am tone on 42 to my northeast on ICOM R-7000. Not strong enough on TV and was tired, so taped it. And there was the crescent Global symbol in lower right on 3/4 color bars twice on the tape.

I did not list most of the Es coming in this season. More Es seen in many a year, but only getting up to channel 5 or 6 only once or twice. This season has been low for tropo DX. A trade off I guess.

That's it for this month... have you seen any TV DX lately? If so, please share it with all of us!... 73s Matt.



21E '99

WARRICKS TO AL &
LIVE TV GAMES!

WESTERN TV-DX

November 2000

Dennis Park Smith, 3703 Dixon Street, Santa Barbara, CA 93105-2419 (805)687-7803

This report is for September 2000. On Sept 14, Pacific Hurricane Lane backlash resulted in blowing away the air layer boundary which contributes to tropo ducting. On Sept 20 & following days the boundary was not blown away, but was much higher, resulting in very little tropo down in Santa Barbara, but probably very good up in the mountains above the city. On Sept 21 morning, the fog layer was so thick and gray that its drizzle was like rain, measuring .20 inch.

Aug 30-31: Very poor

Sep 1: None (Aug 29-30 subtropical rain in region & overall cooling)

Sep 2-6: Poor

Sep 7-13: Fair

Sep 14: Very poor (Backlash from Hurricane Lane)

Sep 15-16: Poor

Sep 17-19: Fair (Warming up again)

Sep 20-21: Poor (Very deep marine layer)

Sep 22: Very poor (layer at 4- to 5000 feet)

Sep 23: None

Sep 24: Very poor, improving

Sep 25-26: Fair

Sep 27: Poor

Sep 28-29: Very poor

Sep 29-Oct 1: Out of town

Best of DX to all. Dennis

Fernando Garcia, San Salvador 415, Rincon de la Sierra Cd Guadalupe, NL, 67181 MEXICO
tropotvdx@yahoo.com.mx,

FTD is furthest tropo of the day.

TSLD Total of stations logged of the day.

Equipment: Sony KV-27EXR15, Screened CM 7'dish
85', RG11, UA900 amp. Sony KV-13TR27, CM 1110
30', CM 8 bay UHF array 60' .1800' ASL,
No re-logs in the same month, only tropo 500+ miles.

September 1

0330	WNOL	38	LA	New Orleans	694
	WVLA	33	LA	Baton Rouge	633
	KADN	15	LA	Lafayette	586
	WAPT	16	MS	Jackson	754
	WMAU	17	MS	Bude	697
	KLPB	24	LA	Lafayette	567
	WMAH	19	MS	Biloxi	770
	WUPL	54	LA	Slidell	705
	WPXL	49	LA	New Orleans	688
	WGNO	26	LA	New Orleans	694
	WHNO	20	LA	New Orleans	688

0400	WPMI	15	AL	Mobile	838
	Ch 61 Rel.			New Orleans hdn	
	KLTL	18	LA	Lake Charles	548
	K51EC	51	LA	Lake Charles	532
	K59DG	59	LA	New Orleans	688
	WXXV	25	MS	Gulfport	764
0500	KLAF-LP	62	LA	Opelousas	600
	KWBJ-LP	39	LA	Morgan City	618
	K69HD	69	LA	Church Point	586
	K46DG	46	LA	Lafayette	587
	K66FI	66	LA	Opelousas	599
	W36AC	36	MS	Mccomb	710
0630	WLAE	32	LA	New Orleans	694
	KETK	56	TX	Jacksonville	532
0700	KVHP	29	LA	Lake Charles	530
	K58FI	58	LA	Lake Charles	530
	K56DR	56	LA	Baton Rouge	633
	K36DS	36	LA	Alexandria	614
				running A1	
	K67GL	67	LA	Bunkie	614
	K49DE	49	LA	New Iberia	596
	KLAX	31	LA	Alexandria	618

September 2

0500	K52EV	52	LA	Leesville	574
	K47DW	47	LA	Alexandria	611
0730	KXTX	39	TX	Dallas	518
	KFXK	51	TX	Longview	557
	KLNM-LP	42	TX	Lufkin	520

September 3

0300	WEIQ	42	AL	Mobile	825
	WLPB	27	LA	Baton Rouge	638
0330	WGMB	44	LA	Baton Rouge	633
	K55HA	55	LA	New Iberia	596
0700	KDTX	58	TX	Dallas	518

September 4

0230	KBTR-LP	19	LA	Baton Rouge	642
	K30EM	30	LA	Houma	644
	WMPV	21	AL	Mobile	842
0300	WPAN	53	FL	Fort Walton B.	869
	W50CF	50	AL	Mobile	817
	W52BF	52	AL	Mobile	818
0500	WSTY-LP	23	LA	Hammond	682
	K52CQ	52	LA	Baton Rouge	645
0600	W47BP	47	MS	Hattiesburg	766
0700	W45AA	45	MS	Columbia	739
	K46CR	46	LA	Baton Rouge	645
	W35BM	35	MS	Biloxi	757
	W51CU	51	MS	Pascagoula	783

September 5

0500	WYES	12	LA	New Orleans	693
0530	WHBR	33	FL	Pensacola	838
	WSRE	23	FL	Pensacola	857

September 10

0600	KFWD	52	TX	Fort Worth	522
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September 11

0400	KSAA-LP	19	TX	San Antonio	279
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Western TV DX *F. Garcia's report continues*

HTVN				
KSTR	49 TX	Irving	518	
KPXD	68 TX	Arlington	518	
KTXA	21 TX	Fort Worth	518	
0700 KUVN-LP	31 TX	Fort Worth	521	
KLDT	55 TX	Lake Dallas	544	
KTAQ	47 TX	Greenville	574	

September 17				
0230 WFSG	56 FL	Panama City	929	
WFXL	31 GA	Albany	1066	
0600 KLFT-LP	21 LA	Lafayette	592	
WAFB	9 LA	Baton Rouge	638	
KATC	3 LA	Lafayette	566	
KAGN-LP	65 LA	Crowley	572	
0700 WLPB-DT127	LA	Baton Rouge		
0730 KAJN-LP	40 LA	Lafayette	586	
KLFY	10 LA	Lafayette	576	

September 19				
0600 KLTS	24 LA	Shreveport	616	
KLBS	19 TX	Nacogdoches	517	

September 20				
0530 KDAF	33 TX	Dallas	518	
September 29				
0630 WNCB	32 AL	Montgomery	928	

This was the best September ever, 11 days out to 800 miles.

Days per state					
AL	11	FL	7	GA	1
LA	16	MS	9	TX	14

Total stations per state					
AL	6	FL	4	GA	1
LA	42	MS	9	TX	14

Fernando

Jeff Kruska, 5024 S. Braxton Ave., Baton Rouge, LA 70817

Equipment: 1992 Zenith "Sentry 2" 13" color TV, Channel Master 4228A screened 8-bay w/CM Spartan 3 #0071 preamp and RG-11 coax for UHF, Channel Master 1114 Crossfire w/CM #0040 preamp and MFC trap for 88.5 MHz and RG-6 for VHF, both @ 20 ft. AGL. DX videotaped w/Sony Handycam model CCD-TR91.

September 2000				
1 tr	2255 XHAB	7 TA	ID	505
	2343 KVEO	23 TX		500
2 tr	1008 Corpus	Austin, San Antonio	U's	
Es	1256 unid-3			
tr	2204 XHAB	7 TA	ID on screen	505
	KEDT	16 TX		425
	XHFOX	17 TA		535
	KVEO	23 TX		500
	KTLM	40 TX		545

	2227	XHMOY122NL	SS	
	2247	XHCNLI	34NL	
	2251	KNVO	48TX	Univision 525
	2303	XHOR	14TA	Azteca 7 ID 505
	2308	KORO	28TX	Uni //48 425
3 tr	0017	KMBH	60TX	ID on screen 495
	0058	XHSAW	64NL	music videos 610
	0118	XHLNA	21TA	Azteca 13, bullfighting 545
	0137	XHREY	12TA	535
		XHMTA	11TA	500
	0202	KHCE	23TX	rare 445
	0205	K6BDJ	68TX	TMD 425
	2049	KGBT	4 TX	MDA Telethon, local #'s 495
4 tr	0200	border stations 7, 11, 14; XHAB local strength!		
	0210	XHMOY122NL	SS	
	2059	border stations back again - 7, 11, 12, 14, 17, 23, 40 <yawn>		
5 tr	0652	KLRT	16 AR	Fox 305
19 tr	0711	WJSP	28 GA	GPTV 390

John Ebeling, 6843 Hy 47, Alborn, MN 55702
Following is some TV DX received at my cabin in Prosser, MN. Receiver is a 2 year old GE 19" (CTC 185 chassis). Antennae used: outside fixed aimed to the SE & another fixed to the south attic mounted. Times are CDT.

July 11	1640	WRAL-5	MD	
	1700	WUNC-4	NC	
July 12	0020	KNAZ-2	AZ (weak Es)	
	0830	WBRZ-2	LA	
	0930	WDIQ-2	AL	
July 13	1830	WUNC-4	NC	
July 14	0918	WESH-2	FL (weak Es-good ID)	
	1912	CICT-2	AB	
	1720	unid-4	French "TQS" in lower rt corner	
	1730	WCBD-2	NC	
July 17	0900	KPRC-2	TX	
July 25	1550-1900	Weak Es	got up to FM	
	1548	WTWO-2	IN (WTWO.com web site)	
	1555	unid-2	French	
	1830	unid-2		
	2115	CICT-2	AB	
	2157	WUND-2	NC	
	2225	KDFW-4	TX 'Fox 4'	
	2231	WYFF-4	SC	
	2234	WCBD-2	SC	
	2305	WDIQ-2	AL	
	2336	WCBI-4	MS	
July 26	0830-0930	Weak Es	LA in	
	1615	WCBD-2	SC	
July 27	1700	WYFF-4	SC	
	1710	WMAZ-2	MD	
	1715	WAGA-5	GA	
	1730	WSB-2	GA	
	1811	WKRN-2	TN	
	1824	WTVY-4	AL	
	1827	WDIQ-2	AL	
July 28	1820	unid-2	French	
		unid-4	"	
Aug 4	1600	WDSU-6	LA (local KBJR-6 off)	
	1712	WTAE-4	PA	

Western TV DX *John Ebeling's report concludes*

Well that just about covers it for the season, as I don't expect any more summer Es here in the northern latitudes.

Eric Bueneman (N0UIH), 631 Coachway Lane, Hazelwood, MO 63042-1347 Phone: (314) 839-9751, E-mail: N0UIHEric@aol.com Web site: <http://www.geocities.com/TelevisionCity/Taping/7423/> K-Index.htm

Equipment: Alaron 12-inch (30 cm) black and white TV, Radio Shack VU-210XR with RS Archerator at 28 feet (8 meters) above ground level. All times CDT, all distances in miles/km

August 8, 2000 (trop)				
1655	Louisville, KY	15, 32, 41	250/402	
1700	Evansville, IN	9 (u/KETC),	14, 25	165/266
August 10, 2000 (trop)				
0554	Decatur, IL	17 (Grade B), 23 (snow free),	29	110/177
0555	Champaign, IL	15, 21, 39, 58 (u/KPTN-LP)	150/240	
0556	Springfield, IL	20 (snow free), 28, 33, 49, 55 (Grade B, 65 80/128		
0558	WAZE	19 KY	Madisonville "WB 19"	190/306
0600	Evansville, IN	7 (Grade B), 9 (even w/KETC),	4 (o/WSEC)	165/266
0601	W28AI	28 IL	Centralia (w/3ABN)	85/137
0602	Peoria, IL	19 (o/WAZE), 25 (snow free),	31 (Grade B), 47, 59 (weak)	140/225
0610	KWQC	6 IA	Davenport	190/306
2100	Kansas City, MO	19, 29	225/362	
2356	KMCI	38 KS	Lawrence	255/410
August 11, 2000 (trop)				
0007	KSNT	27 KS	Topeka	285/459
0011	KSHB	41 MO	Kansas City	225/362
0249	KTCA	49 KS	Topeka	285/459
August 12, 2000 (trop)				
0140	Louisville, KY	32, 41	250/402	
0550	WSJV	28 IN	Elkhart	305/491
0555	Peoria, IL	19, 25 (snow free),	31 (Grade B)	140/225
0557	WMSN	47 WI	Madison	300/483
0601	WHA	21 WI	Madison	300/483
0604	WMTV	15 WI	Madison (w/WICD)	300/483
0615	Chicago	7, 26, 32	255/410	
0620	WKOW	27 WI	Madison	300/483
August 13, 2000 (trop)				
0105	Madison, WI	15, 21, 27	300/483	
0353	WSJV	28 IN	Elkhart	305/491
August 15, 2000 (trop)				
0550	Indianapolis	20 (over WICS), 40 (over K4OFF),	59 (snow free)	240/386
0550	WNDY	23 IN	Marion	285/459
0551	WTTK	29 IN	Kokomo	255/410
0552	Bloomington, IN	42, 63	210/338	
0554	South Bend, IN	16, 22, 34	300/483	
0556	WSJV	28 IN	Elkhart	305/491
0559	Chicago, IL	26, 32	255/410	
0600	WPWR	50 IN	Gary	250/402

August 19, 2000 (trop)				
0400	WUSI	16 IL	Olney (snow free)	130/209
0402	WCCU	27 IL	Urbana (Grade B signal)	155/249
0419	WQAD	8 IL	Moline (over KOMU/WSIU)	190/306
0420	WSJV	28 IN	Elkhart	305/491
0421	WNUD	16 IN	South Bend	300/483
0422	Chicago,	IL 26, 32, 38, 44	250/402	
0433	WDOI	19 IL	Peoria (CBTP)	140/225
0433	WMBD	31 IL	Peoria (ID slide)	140/225
0434	WEEK	25 IL	Peoria	140/225
0443	WIFR	23 IL	Freeport (CBTP, WBUI nulled)	245/394
0445	WQRF	39 IL	Rockford (W39BH nulled)	250/402
0449	WTVU	17 IL	Rockford (mixing with WAND)	250/402
0503	WPWR	50 IN	Gary	250/402
0519	Bloomington,	IN 30 (u/KDNL), 42, 63	210/338	
0524	WXIN	59 IN	Indianapolis	240/386
0532	WNIT	34 IN	South Bend	300/483
0534	WEHS	60 IL	Aurora	235/378
August 26, 2000 (trop)				
1545	Cape Girardeau,	MO 12, 23 (both Grade B)	115/185	
1547	WDKA	49 KY	Paducah "WB 49"	155/249
1549	Terre Haute,	IN 10, 38 (both Grade B)	170/274	
1558	Evansville,	IN 7, 14, 25	165/266	
1610	Champaign,	IL 3, 15	150/240	
1611	Urbana,	IL 12 (mixing w/KFVS), 27 (mixing w/WTCT)	155/249	
1926	WKZT	23 KY	Elizabethtown	255/410
1928	Louisville,	KY 15, 21, 32, 41, 68	250/402	
1930	Bloomington,	IN 42, 63 (both Grade B)	210/338	
1932	WWVB	34 KY	Campbellsville	
		"WB Kentuckiana"	290/467	
1940	Indianapolis	20 (o/WICS), 40 (o/K4OFF), 59	240/386	
1944	WVUT	22 IN	Vincennes	135/217
2025	WCET	48 OH	Cincinnati	320/515
2029	WKYT	27 KY	Lexington	330/531
2030	WXIX	19 KY	Newport	325/523
2032	WNPX	28 TN	Cookeville	325/523
2040	WKOI	31 KY	Owensboro	195/314
2057	WKEF	22 OH	Dayton	340/547
2058	WRGT	45 OH	Dayton	340/547
2142	KSPR	33 MO	Springfield	190/306
2149	K41OI	41 MO	Jefferson City	100/161
2150	Columbia,	MO 8, 17 (Grade B)	105/169	
2157	KDEB	27 MO	Springfield	190/306
2158	KOZK	21 MO	Springfield	190/306
2308	KCWE	29 MO	Kansas City	225/362
2311	WMTU	16 TN	Jackson (Grade B)	235/378
2332	WAZE	19 KY	Madisonville	190/306
August 28, 2000 (trop)				
2011	Indianapolis	6, 8 (o/WSIU), 13 (WPXS nulled), 20 (o/WICS), 40 (o/K4OFF), 59 (snowfree)	240/386	
2013	Bloomington,	IN 30 (u/KDNL), 42, 63	210/338	
2014	Evansville,	IN 7, 14, 25, 44	165/266	
2016	Louisville,	KY 15, 21, 32, 41, 68 (all Grade B)	250/402	
2017	Terre Haute,	IN 10, 38 (both Grade B)	170/274	
2018	WTTK	29 IN	Kokomo	255/410
2024	WIPB	49 IN	Muncie	255/410
2025	W47AZ	47 IN	Indianapolis (Grade B)	240/386
2031	WTHR-DT	46 IN	Indianapolis (new log) (DTV snow only, over WHSL)	240/386
2044	South Bend,	IN 16, 22, 34	300/483	
2045	WSJV	28 IN	Elkhart	305/491

Western TV DX *E. Bueneman's report cont'd*

2132 WCET 48 OH Cincinnati 320/515
 2138 WPXK 54 TN Jellico (Grade B) 375/604
 2210 WBXX 20 TN Crossville 355/571
 2211 WCTE 22 TN Cookeville 325/523
 2212 W38BK 38 IN Evansville 165/266
 2213 WPGD 50 TN Hendersonville 265/426
 2251 WNPX 28 TN Cookeville 325/523
 2257 Paducah, KY 6, 29, 49 (UHF's Grade B) 155/249
 2305 WKOH 31 KY Owensboro 195/314
 August 29, 2000 (trop)
 0014 WAFF 48 AL Huntsville 345/555
 0020 WKYT 27 KY Lexington 330/531
 0022 WFTE 58 IN Salem (o/KPTN-LP) 235/378
 0033 WTVQ 36 KY Lexington 330/531
 0211 WMSN 47 WI Madison 300/483
 0222 KJMH 26 IA Burlington 140/225
 0223 KLJB 18 IA Davenport 190/306
 0234 W29BG 29 IL Decatur 110/177
 0355 WPWR 50 IN Gary 250/402
 0357 Chicago, IL 26, 32, 38, 44 255/410
 0438 WKOW 27 WI Madison 300/483
 0510 WEHS 60 IL Aurora 235/378

Morning DX on August 10 was into Illinois, Indiana and Iowa, evening DX on that same date into western Missouri, moving into eastern KS in the morning hours of August 11. Mostly Illinois and Indiana noted on August 12, but the Madison full-power UHF's managed to make it in, too. Madison also made it in the next night, along with South Bend and Chicago. August 15 DX was mostly into Chicago land, Indy and northern Indiana; the DX on August 19 was into the same area, plus metro Rockford. The opening on August 26 started in Indiana and Kentucky, then worked it's way into western Missouri, and later into northwestern Tennessee. August 29 noted more DTV snow; this time, it was WTHR-DT's snow nearly obliterating local WHSL. The opening managed to work it's way into northern Tennessee, with another Knoxville market UHF noted in WPXK-54. Some channels had as many as four stations in at once. This opening extended into Iowa and Wisconsin before 0400, before fading out.

August 30, 2000 (trop)
 0000 KWWL 7 IA Waterloo (over KHQA) 270/435
 0003 KCWE 29 MO Kansas City 225/362
 0025 KIIN 12 IA Iowa City (mixing w/WILL) 225/362
 0044 KMEG 14 IA Sioux City "K-Meg" 410/660
 0049 WQWT 6 NE Omaha 335/539
 0051 KMTV 3 NE Omaha 335/539
 0104 WMTV 15 WI Madison 300/483
 0116 KETV 7 NE Omaha 335/539
 0159 Springfield, MO 21, 27, 33 190/306
 0437 KDSM 17 IA Des Moines 255/410
 0438 KFPX 39 IA Newton 245/394
 0440 KSMO 62 MO Kansas City (mixing w/K62EG) 225/362
 0459 KPTH 44 IA Sioux City "Fox 44" 410/660
 0502 KSNL 27 IA Sioux City 410/660

0503 KBIN 32 IA Council Bluffs 335/539
 0510 KHIN 36 IA Red Oak 300/483
 0512 KYNE 26 NE Omaha 335/539
 0522 KUON 12 NE Lincoln 360/579
 0524 KOLN 10 NE Lincoln 360/579
 0528 KSFY 13 SD Sioux Falls (mixing w/WHO/KRCG) 465/748
 0529 KXNE 19 NE Norfolk 435/700
 0530 KELO 11 SD Sioux Falls (floating under KPLR) 465/748
 0538 KPTM 42 NE Omaha 335/539
 0544 KCCI 8 IA Des Moines 255/410
 0704 KTVN 21 IA Fort Dodge 325/523
 0743 KXVO 15 NE Omaha (floating under KYOU) 335/523
 0752 KFXA 28 IA Cedar Rapids 230/370

Stumbling across KWWL-7 at midnight, I had thought it would be another opening into eastern Iowa. KIIN-12 was a welcome sight here, but when KMEG-14 was noted with "The Late Late Show", it turned out to be a bigger opening than I thought! I finished cleaning up on the Omaha TV stations, with KXVO-15 and KPTM-42 being the weakest of the bunch. A new personal best was set with the log of KMTV-3. Lincoln was noted on 10 and 12, but KOMU was too strong to pull in KLKN-8. Johnny Carson's hometown was noted on 19, along with a bunch of Nebraska FMs. Sioux City was later noted on 27 and 44, both with Grade B signals. South Dakota became the fourth state from which I have TV stations logged via both trop and E-skip, with the addition of Sioux Falls on 11 and 13. KTVN-21 and KFXA-28 was noted toward the end of the opening.

August 31, 2000 (trop)
 1900 Paducah, KY 6, 29, 49 (all Grade B) 155/249
 1902 W54AE 54 KY Paducah (w/WTCT-27) 155/249
 1904 W66CT 66 IN Mount Vernon (w/WAZE-19) 145/233
 1907 WKMU 21 KY Murray 190/306
 1908 Evansville 7, 14, 25, 44 (all Grade A), 52 165/266
 1914 WOTV 41 MI Battle Creek (Grade B) 365/587
 1916 W39BH 39 IL Champaign (Grade B) 150/241
 1945 WPXD 31 MI Ann Arbor 425/684
 2033 WSYM 47 MI Lansing 390/628
 2035 WHME 46 IN South Bend
 (floating under WHSL) 300/483
 2039 WLAI 53 MI Lansing 390/628
 2058 WTLJ 54 MI Muskegon 375/604
 2059 WGVK 52 MI Kalamazoo (ID for WGVU-35) 350/563
 2138 South Bend, IN 16, 22, 34 300/483
 2139 Chicago, IL 26, 32, 38, 44 255/410
 2240 WZZM 13 MI Grand Rapids 400/644
 2241 WPNB 7 MI Traverse City "7/4" (WNTOM-4) 475/764
 2242 WGTU 29 MI Traverse City "ABC 29/8" 475/764
 2247 WOOD 8 MI Grand Rapids
 (mixing w/WSIU/WQAD) 400/644
 2312 W21BE 21 IL Champaign (3ABN) 150/241
 2319 Peoria, IL 19, 25, 31 (all Grade A), 41, 47
 (Grade B), 59 140/225
 2334 WGKI 33 MI Cadillac "Fox Northern Michigan" 455/732

Western TV DX *E. Bueneman's report concludes*

September 1, 2000 (trop)
 0119 W34CK 34 IL Arlington Heights (w/WJYS-62) 260/418
 0121 WJYS 62 IN Hammond (over K62EG) 245/394
 0122 WGBO 66 IL Joliet 225/362
 0123 K62FU 62 IA Muscatine (TBN) 180/290
 0138 WAQP 49 MI Saginaw 455/732
 0143 W62CL 62 IL Rockford (w/WWTO-35) (#400 at this QTH) 250/402
 0209 WPXE 55 WI Kenosha (WRSP nulled) 300/483
 0227 WLS 7 IL Chicago 255/410

The evening started with local and semi-local strength signals in the 150 to 200-mile range, with a new LPTV added from Kentucky (W54AE), which completes the WTCT-27 translators for me. When I discovered a semi-local strength signal from WOTV-41, then I knew that the opening would extend into Michigan.

Discovered a Pax on 31, which turned out to be WPXD Ann Arbor. Primarily western Lower Peninsula stations in from Michigan. WZZM-13 became the second ABC affiliate logged on 13 in three days (KSFY Sioux Falls, SD is the other), and WPNB-7 was noted with it's "7/4" ID. WGTU-29 was at semi-local strength at times. Logged #400 from this location, in the form of W62CL-62 Rockford, IL. The mystery "61" with WWTO-35 that was logged in 1995 may have been W62CL, drifting from the assigned 62 to 61. 21 and 49 have now become much easier to log DX, since K21OD-21 and K49FC-49 have pulled the plug. K21OD has a CP to move to congested Channel 16 (with WTJR and WUSI already there); K49FC may be off due to technical difficulties.

73, Eric (N0UIH)

William Eckberg, 1032 Sterling Rd., Dixon, IL 61021-9355

September 2000	CDT		
04tr 2225 KDSD	16SD	509	
2230 KSAX	42MN	404	
2310 KHOG	29AR	463	
05tr 0105 KARD	14LA	651	
0145 WSHV	45LA	681	
0200 KSAS	24KS	498	
0220 KPOM	24AR	513	
0440 KETK	56TX	747	
0630 KHBS	40AR	513	
	KWBS 34AR		
	Eureka Springs	429	
0650 KHOG	29AR	463	
0705 KSAX	42MN	402	
0830 KGBE	53OK	519	
0835 K69GO	69OK		
	Tulsa	519	
06tr 0220 KHNE	29NE	464	
	KXNE	402	

0235 KSAX	42MN	404
0300 KDSD	16SD	509
07tr 0050 KSAS	24KS	498
0130 WQLN	54PA	481
0245 WKBS	47PA Altoona (sat. WOCB-40)	571
	WPCB 40PA	518
0300 CICA	19ON	514
0315 WPGH	53PA	491
0350 KSCC-LP	14 KS Great Bend xlr KSAS-24	537
0520 WOIO	19OH	401
26tr 2315 WCFT	33AL	593
2330 WUNF	33NC	558
2345 WUXP	30TN	408

Tropo was concentrated early in the month. The early AM of September 5 saw 750 mile tropo to LA and TX. The early AM of September 7 saw tropo to Altoona to the east and Great BEnd to the west. Nearby DXers with ICOMs received TV audio to Vermont. A reminder as to how insensitive our TV receivers are. I was not blocked, but only saw snow.

AL, NC, and TN were in briefly on the 26th.

Marvin Shults, RR#1, Toulon, IL 61483

July 2000 CDT

5 Es 1515 WPBT	2 FL
1525 WBTV	3 NC
1535 WCBD	2 SC
1536 WCIV	4 SC
1555 KRGV	5 TX
1558 KPRC	2 TX
1600 XHRI	2 TAM
1605 XEFB	2 NL
1610 KFDM	6 TX
1612 KIII	3 TX
1620 WEDU	3 FL
1644 X	5
1650 WTVJ	6 FL
1706 WPTV	5 FL
1710	5 Cuba
1725 KENS	5 TX
1805 KATC	3 LA
1819 C	3 CBC
1819 C	5 CTV
1820 WABI	5 ME
1821 C	4 CBC
1840 WFMY	2 NC
1842 C	6
1845 WLBZ	2 ME
1929 WUND	2 NC
1930 WGBH	2 MA
2000 XEFB	2 NL
2030 XHAE	5 CL
2125 XET	6 NL
2140 X	4
6 Es 1200 KRIS	6 TX
1440 KACB	3 TX
1445 X	2

Western TV DX *M. Shults*

1500 KMID	2	TX
2250 XEFB	2	NL
7 Es 1459 C	3	CBC FR
8 Es 1030 WUND	2	NC
1100 unID	3	Newshopper 3
9 Es 1850 WLBZ	2	ME
1855 CBHT	3	NS
1942 CJCH	5	NS
1955 WTVH	5	NY
2040 WGBH	2	MA
10 Es 1445 WPBT	2	FL
1850 KUTV	2	UT
1852 KASA	2	NM
1930 KSL	5	UT
1950 KACB	3	TX
1958 KENW	3	NM
1959 KACV	2	TX
2000 XEPM	2	CI
2020 XEJ	5	CI
2030 XHAE	5	CL
2050 X	4	"XHDFTV13"
2055 X	3	
2205 KWGN	2	CO
11 tr 0615 WBAY	2	WI
11 Es 0958 WPBT	2	FL
12 Es 1500 WLBZ	2	ME
1900 KMID	2	TX
1930 KNAZ	2	AZ
2159 XEFB	2	NL
13 Es 1010 XEFB	2	NL
1430 X	2	
1900 WPBT	2	FL
1900 WEDU	3	FL
1900	2	SS
1930 XEFB	2	NL
tr 1930 KMOS	6	MO
Es 1940 XHAE	5	CL
tr 2030 KCTV	5	MO
Es 2045 XHRIO	2	TAM
tr 2050 KTBO	14	OK
2115 KOCB	34	OK WB34
2215 W41CI	41	WI
2215 W63CU	63	WI
14 tr 0630 KCTV	5	MO
0640 KMEG	14	IA
17 tr 2025 WBKB	11	MI
21 Es 1145 KRIS	6	TX
1625 KASA	2	NM
1640 KWGN	2	CO
1645 K	3	
1650 KOAA	5	CO
1945 WUND	2	NC
22 Es 1900 WEDU	3	FL
1900 WPBT	2	FL
1920 WUFT	5	FL
1930 WESH	2	FL
23 Es 1821 ICR	2	Cuba
24 Es 0600 XEFB	2	NL
0605 XHRIO	2	TAM
0625 KMID	2	TX

0628 X	5	
0639 KIII	3	TX
0653 XET	6	NL
0657 XELN	4	CL
0834 XHFA	2	SO ??
25 Es 2147 K	2	NBC
2147	3	CBS
2150 C	2	CTV
2218 KWGN	2	CO
26 Es 1049 WPBT	2	FL
1049 WEDU	3	FL
1050 WPTV	5	FL
1059 WTVJ	6	FL
1100 WFOR	4	FL
1130 ICR	2	Cuba
1442 XEFB	2	NL
1509 XHCH	2	CI ?
1512 XHFI	5	CI
1538 XEPM	2	CI
1847 XEFB	2	NL
1903 XEJ	5	CI
27 Es 1257 XEPM	2	CI
1859 CBFT	2	QU
1900 CHAU-TV-1	3	QU
1915 CFAP	2	QU
27 Es 2003 C	4	
2007 WLBZ	2	ME
28 Es 1808 CJBRT	2	QU ?
1848 WLBZ	2	ME
1848 WGBH	2	MA
1944 WNYW	5	NY
29 Es 1212 X	2	??
1230 XEPM	2	CI
1235 X	2	
1412 XHTAU	2	TAM
1428 XHCOQ	3	QR ?
1433 KRGV	5	TX
1437 XHRIO	2	TAM
1449 XEW	2	DF ??
1452 KIII	3	TX
1459 XHAE	5	CI
1502 XHIV	5	ZA ??
1503 XEFB	2	NL
1605 XHPN	3	CL
1852 KMID	2	TX
1904 KNAZ	2	AZ
1907 WPBT	2	FL
1909 WEDU	3	FL
30 Es 0917 XEFB	2	NL
0917 XHWX	4	NL
31 Es 1500	2	Cuba?
1532 WPBT	2	FL
1607 XHQRO	2	QR ID
1819 XHTQU	2	TAM ?
1829 XHY	2	YU
2100 CKAL-1	2	AB A ch
2104 CKSA	2	AB
2210 KREMT	2	WA
2219 KWGN	2	CO
August 2000		
2 Es 1935 XEFB	2	NL
2036 XHRIO	2	TAM

3 Es 2100 XHRIO	2	TAM
2111 XEFB	2	NL
X	5	
2140 KIII	3	TX
4 Es 2058 WGBH	2	MA
2102 C	2	FRCBC
2141CFAP	2	QU
5 Es 1050 KPRC	2	TX
1103 KBTX	3	TX
1105 KIII	3	TX
1108 XHRIO	2	TAM
1108 KRGV	5	TX
1225 XEFB	2	NL
1249 XEPM	2	CI
7 tr 2130 11,32,41		Louisville
2134 WXIX	19	OH
2136 WRGB	34	KY
2145 WISH-DT	9	IN
2145 WCPD-DT	10	OH
2145 18,36		Lexington
2148 WCET	48	OH
2148 52,54		KET
2148 WDKY	56	KY
7 tr 2151 WSTR	64	OH
2152 WKMJ	68	KY
2153 WTTV	4	IN
2155 WCPD	12	OH
2159 PAX	51	KY
15 tr 2000 KPTH	44	IA
2000 KDLT	46	SD
2030 WOWT	6	NE
2053 KYNE	26	NE
2055 KFPP	39	IA
2059 KXNE	19	NE
2100 KMTV	3	NE
2100	11	CBS
16 tr 0645 KYNE	26	NE
1310 KARE	11	MN
17 tr 0246 WLOS	13	NC
0300 WUNF	33	NC
0307 WCYB	5	VA
0328 WKPT	19	TN
0330	57	TBN
0335 WFLI	53	TN
0336 WEMT	39	TN
0350 WXIX	19	OH
Es 2122 WESH	2	FL ??
23 tr 1430 KTCA	2	MN
1430 KWCM	10	MN
Pioneer PBS		
1437 KEYC	12	MN
1448 KMWB	23	MN
1450 KSAX	42	MN
1455 KPTH	44	IA
1456 KXMC	13	ND
1458 KSFY	13	SD
1500 11,45		MN
1500 KVR	15	ND ??
28 tr 1652 KTCI	17	MN
1653 9,11,23,29,45		MN
1658 KSTP	5	MN
1700 KTCA	2	MN

Western TV DX *M. Shults report concludes*

1700 WCCO	4	MN
1730 KSMQ	15	MN
29 tr 0600 WUXP	30	TN
0615 WDKA	49	KY
0618 W65CK	65	IN
0620 unID	69	
0620 WPSD	6	KY
1417 WHLA	31	WI
1730 WLAX	25	WI
2000 29,41,50,62		K.C.
2000 KMCI	38	KS
2000 27,49		Topeka KS
2030 W54BH	54	WI
2053 K61	61	TBS
2110 KPTH	44	IA
2115 K41DD	41	IA
30 tr 0550 KPTM	42	NE
31 tr 0630 WEAU	13	WI
0630 5,11,23,29		MN
September 2000		
4 tr 0308 KELO	11	SD
0313 KTWU	13	KS
0320 KTKA	49	KS
0345 KSFY	13	SD
0346 KXVO	15	MN
6 tr 0609 WDIO	10	MN
17 Au 1800 Aurora		noted ch 2-13

Matthew C. Sittel, 15013 Eureux Circle, Bellevue, NE 68123 76255.2171@Compuserve.com <http://ourworld.compuserve.com/homepages/MSittel/beltdvx.htm>

Equipment: Winegard PR-9032 UHF antenna at 35', Winegard AP-4700 UHF pre-amp., Winegard PR-5030 VHF antenna at 32', MFC traps for channels 3,6,7 and 26.

September 1 tropo		
0620 WEHS	60	IL Aurora, HSN 433
0637 25/31/47	IL	Peoria 334
0638 WXOW	19	WI La Crosse 299
0700 18/24	IA	Quad cities 289
September 5 tropo		
2019 KDOR	17	OK Bartlesville, TBN 317
2021 KTPX	44	OK Okmulgee, PAX 364
2024 WHLA	31	WI La Crosse 299
2024 WPNE	38	WI Green Bay 463
2025 WFXS	55	WI Wittenberg 427
2025 27/47/57	WI	Madison 355
2026 WIWB	14	WI Suring, WB 14 466

2027 WXOW	19	WI La Crosse	299
2028 WDJT	58	WI Milwaukee	432
2029 KGBE	53	OK Tulsa	349
2030 KOCB	34	OK Oklahoma City	392
2042 WYOW	34	WI Eagle River	466
2054 KOPX	62	OK Oklahoma City	388
2055 KOKI	23	OK Tulsa	351
2056 25/43/52		OK Oklahoma City	390
2100 KSPR	33	MO Springfield	312
2112 WHRM	20	WI Wausau, // WHLA	411
2144 KTTC	10	MN Rochester	248
September 6 tropo			
0559 WHWC	28	WI Menomonie, --	342
0559 23/29		MN Minneapolis	309
0634 KWCM	10	MN Appleton	282
0634 KAWB	22	MN Brainerd, nx	376
0635 KSNC	2	KS Great Bend	238
0638 WEUX	48	WI Chippewa Falls	343
0641 KOZK	21	MO Springfield	312
0645 KDNL	30	MO St. Louis	344
0646 25/31/47		IL Peoria	334
0647 KDSD	16	SD Aberdeen	317
0650 KSNF	16	MO Joplin, NBC 16	287
0659 KTLJ	22	TX Galveston, IDI	817
		Daystar network. New tropo state	
0705 KHWB	39	TX Houston	797
		First town seen via both Es & tr	
0711 KAZH	57	TX Baytown	817
0711 KFXX	51	TX Longview	613
0722 KRSC	35	OK Claremore, TP	325
September 13 tropo			
0640 KFXX	40	IA Dubuque	291
0645 21/33		MO Springfield	312
0647 23/47/53		OK Tulsa	349
0648 KWBS	34	AR Eureka Springs	338
0651 KTPX	44	OK Okmulgee	364
0652 KTFO	41	OK Tulsa	351
0654 KSNF	16	MO Joplin, "NBC 16"	287
0655 KDOR	17	OK Bartlesville	317
0656 KRSC	35	OK Claremore	325
0658 K30AL	30	KS Iola, // KTWU-11	224
September 17 Es			
0814 XEFB	2	NL Monterrey	1096
Au			
1733 unIDs	2-13		

I had gotten used to all the DX this summer. . . September was pretty slow here. There were some good loggings though, KLTJ-22 being the best of them. Plus a touch of skip and aurora in there too. Hopefully there will still be some tropo this fall.

73s Matt





MINNESOTA MEMORIES

(Written by WTFDA member John Ebeling who was a teenager when TV came to Duluth; but even before that kept an eye to the south for early activity in Minneapolis-St. Paul.)

INTRODUCTORY COMMENTS: *I saw my first TV during, a trip to Chicago in the summer of 1948. A friend of my father had a 17" DuMont set; an expensive model that not only tuned TV, but the FM band as well since it had a continuous type tuner. I guess, at the time, I was more interested in the FM band since Duluth had only one FM station on the air at that time. WEBC-FM at 92.3 mHz. Anyway, I had an interesting few days tuning that old DuMont across both the FM & TV bands. -- John Ebeling*

Local service had not arrived in Duluth when my interest in distant television reception began to develop in 1948. The closest transmitters were about 150 miles away in Minneapolis-St. Paul. KSTP-TV 5 came on the air in April of 1948, followed shortly thereafter by WTCN-TV 4. WTCN was the forerunner of WCCO-TV. Both stations were operating with about 25 KW of power from a height of about 500 feet.

In 1949, a few TV antennas began appearing in Duluth, mostly on the local taverns. It should be noted that Duluth is

situated on the side of a hill which is approximately 700 feet high. Most places on the hillside have a line of sight of about 40 to 50 miles to the horizon.

Each day on my walk home from High School during 1949 & 1950, I would look through a window at a TV set in a tavern that I would pass by. Some days the picture would be quite good; other days it was weak or just a screen full of snow.

In the summer of 1950 I persuaded my parents to buy a TV set. I was sure that we could get a picture often enough to make it worthwhile. This idea was based on my two years of active FM DXing and also using a slope-detection type FM tuner which I had modified to allow the audio of channel 5 to be received.

At that time, no one sold TV sets in Duluth, so off we went to the Twin Cities to buy a set. We purchased a 16" RCA console for \$329 and hauled it back to Duluth. For you techs, this was a KCS-47A chassis and used metal shell round 16" CRT, a 16AP4. Also purchased a TACO double-stacked antenna which was cut for channels 4 & 5. This was a 5 element (per bay) antenna.

Since we lived about halfway up the Duluth hillside and had a clear shot to the horizon, the antenna was mounted atop the house using a short 20' mast and guyed with four wires. Twin lead, with several twists per foot, was used as a feed line. Co-ax cable and required fittings were not readily available at that time.

Well, believe it or not, everything worked the first time. We were able to get a viewable picture maybe 40% of the time. Some evenings, nothing. Other times the signal was almost like a local station.

In 1951 & 1952, experimentation to improve signal strength was the name of the game. Various boosters were either purchased or constructed, most of which were written off since the noise level(s) were increased as much, if not more than, the signal level itself.

"**RADIO-TELEVISION NEWS**", in the early 50s, had numerous construction articles for TV boosters. We lived on a bus line and ignition interference from buses was picked up when the bus was as far as a block away. One of the local hospitals sometimes radiated a type of interference which would wipe out reception of channel 4.

One Duluth resident, who had a large city lot, constructed a large double-stacked rhombic antenna array. This antenna, used with a Kaye-Halbert TV set, usually provided a watchable picture on evenings when conditions were so poor that other conventional antenna systems produced nothing. Remember, this was with insensitive sets (by today's standards) and lower radiated power by the TV stations. Popular TV sets used in the "fringe area" of Duluth in the early 50s included Hallicrafters, Hoffman (with the green safety glass), and a few Admirals and Setchell-Carlson brands.

Es was common each summer in 1951 and 1952. During my free periods at the University, I would go home and DX in the summer. WKY-4 in Oklahoma City seemed to be somewhat of a regular, along with old KPRC-2 in Houston. This early Es was written up quite often in Radio-Television News issues of the era. They had a pretty good DX column back then. I found Es most likely about 11 AM or so. Back then, most stations ran test patterns (with calls on them) for hours prior to the regular programs, so it made identification of stations very easy. A list of stations received in Duluth during 1951-52 is provided at the end of this article.

When the new cascade tuners (twin triode) came out in late 1952 (using a 6BQ7 RF amplifier tube) which provided increased gain and lower noise figure, they were then the "ultimate" in weak signal reception. I then modified our RCA TV by installing a new Standard-Kollsman strip type tuner in place of the original RCA wafer type of tuner. It was, of course, impossible to make any direct reception comparisons, but the new tuner certainly seemed to help in the overall reception aspect.

The VHF freeze imposed by the FCC was on, and Duluth finally got a UHF station, WFTV-38 sometime in 1953, as I recall. The area started sprouting bow-tie antennas feeding various types of UHF converters. WFTV was only using about 40 KW, so reception was somewhat limited. I first learned of the somewhat weird problems associated with UHF reception way back then. I bought and installed a channel 38 conversion strip for the Standard tuner in the RCA for easy conversion to UHF. We were only about a mile from the WFTV tower, so we had an excellent ghost-free picture. Fine tuning was critical though, as that early RCA TV set was a split-sound (not intercarrier) receiver.

I had moved to the Twin Cities in 1953, but visited my Duluth home nearly every weekend. I did some DXing, but kept no record of Es during the 1953 season. In March of 1954, the first Duluth VHF stations came on the air on channels 3 & 6. This, of course, pretty much wiped out the low channels for DXing as we were only a mile from both transmitters. WFTV-38, having lost network affiliations to the VHF's, soon ceased operation.

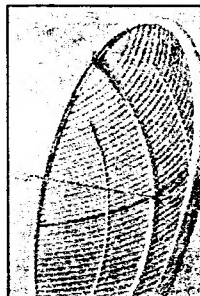
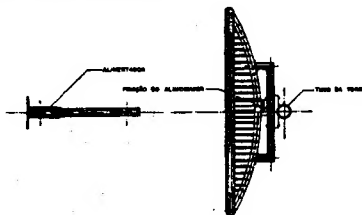
TV reception in Duluth during 1951 & 1952:

- AL WBRC-4 Birmingham
- FL WMBR-4 Jacksonville
- GA WAGA-5 Atlanta
- IA WOC-5 Davenport
- IL WNBQ-5 Chicago
- MD WMAR-2 Baltimore
- NC WBTB-3 Charlotte (announced 16 KW vis; 8KW aural)
- WFMY-2 Greensboro
- NE KMTV-3 Omaha
- NY WCBS-2 New York City
- OH WLWC-3 Columbus
- OK WKY-4 Oklahoma City
- PA WPTZ-3 Philadelphia
- TN WMCT-4 Memphis
- TX KRLD-4 Dallas
- WBAP-5 Ft. Worth
- KPRC-2 Houston
- WOAI-4 San Antonio
- KEYL-5 San Antonio
- WI WTMJ-3 Milwaukee

Editor's note: *Many thanks to John for sharing his recollections of early telecasting in the "Twin Ports" and the "Twin Cities". His experiences are probably similar to those of others who developed an interest in DXing at about the same point in time. Even though so many factors are different, I can't help but believe that the new generation of DXers gets the same sort of thrill from the hobby as the 'vets' did 50 years ago. - Tom Bryant*

GRID PARABOLIC DISH ANTENNA

Model: MT-GP 800



Description:

Totally constructed in Aluminum tubes, presents characteristics of endurance and low wind load factor.

Manufactured for frequencies from 746 MHz to 3.6 GHz, are designed for TV signal translation, studio-transmitter links and telephony applications.

The antenna is supplied unassembled, in a relatively small package with site assembling instructions manual.

Can be installed using tubes of 3" to 4 1/2" of diameter.

The antenna's feeders are supplied with coaxial cable section and connector type "N"Female for frequencies up to 960 MHz, and connector type 7/8"flanged for higher frequencies.

The antennas with 3 and 4 meters of diameter, are supplied with adjustable structural bar.

MECHANICAL AND ELECTRICAL CHARACTERISTICS

Model	Frequencies (MHz)	Diameter (m)	Weight (KG)	Max. Wind Speed (Km/h)	Gain on Central Frequency (dB) ± 0,4	Front/Rear Gain Ratio (dB)	VSWR	50% Power angle... (E Plan)	50% Power angle... (H Plan)
I	746 to 800	1	18	120	17,0	19	1,30	13,0	12,5
		2	45	120	21,0	24	1,30	12,0	11,5
		3	60	120	24,0	27	1,30	8,5	7,5
		4	90	120	26,2	27	1,30	7,0	6,0
I	800 to 890	1	18	120	17,1	21	1,30	13,0	12,5
		2	45	120	21,1	26	1,30	12,0	10,0
		3	60	120	24,5	27	1,30	7,0	7,0
		4	90	120	27,0	30	1,30	6,0	5,5

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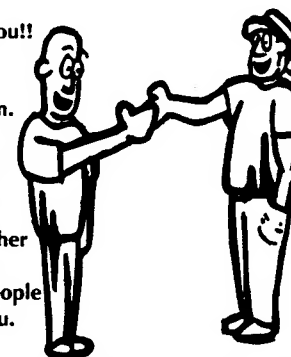
wtfda@topica.com

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The DXer's Buddy System

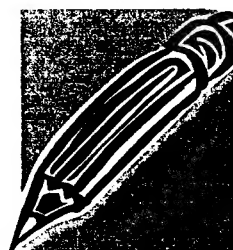
The WTFDA DXer's Buddy System is working for you!! Have YOU considered joining the Buddy System and sponsoring a TV/FM DXer? Or maybe you're someone that could benefit from the Buddy System.

Here's How It Works: Some people that are TRUE DXers find themselves limited financially. Joining a club may be something they would really like to do, however, finding the money to do such is another matter. WTFDA is doing all they can to help those share in this fun and growing hobby, by finding people that want to be someone's buddy. Maybe thats you.



When you volunteer to be a DXer's Buddy, you volunteer to cover your buddy's club dues, for however many years you wish. Your buddy then receives all the same benefits as any other full fledged member. They regularly receive the club journal, *VHF-UHF Digest*; they are granted access to the Topica e-mail site; they get to participate in all club functions; and, can also serve in club capacities, if needed.

You're also helping your DXer Buddy discover the real world of dxing, by sharing his or her dx experiences with others that share their same hobby interest. Not only will it increase the joy of that persons interest in dxing, you will also be spreading the word about TV and FM dxing to the world. And then there's the possibility of being named the 'DXer's Buddy of the Year'.....



How To Sign Up!

Whether you want to be someone's DX Buddy or would like to find out how you can be a candidate to have a DX Buddy, all you have to do is drop an e-mail message to Mike Bugaj at ikon@netcom.com or mbugaj@snet.net, or write to the address at the top of this page, and let him know your request. Whatever your request, the information will be held in the strictest confidence, if that is your wish.

The World Is Waiting For YOU To Be Someone's Buddy!